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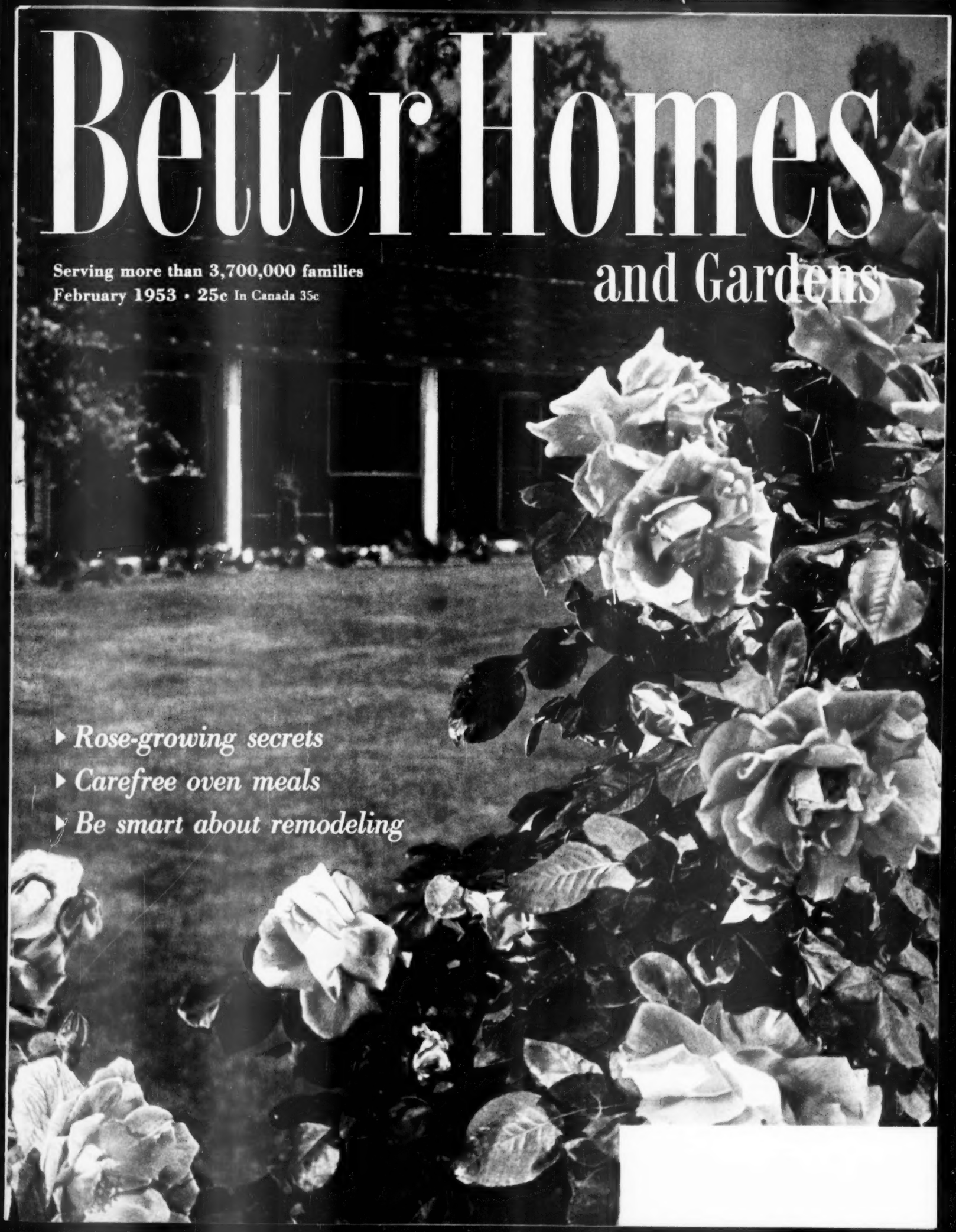
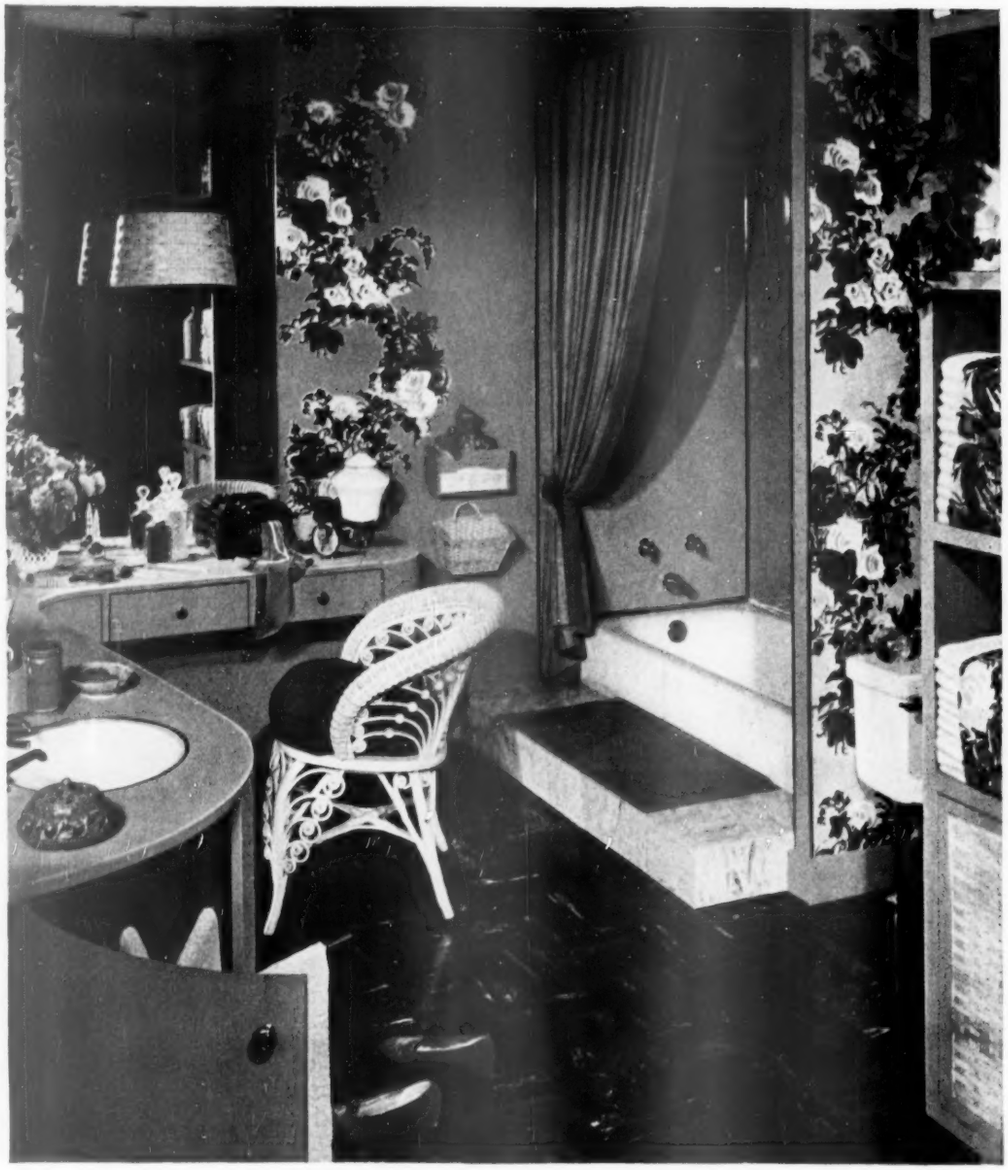


- *Rose-growing secrets*
- *Carefree oven meals*
- *Be smart about remodeling*



Beauty in the bathroom

...and a family bath at that!

Most family bathrooms have reputations for not being very pretty . . . too often the charm of a beautiful home stops at the bathroom door. If you're one of those homemakers who has a sinking feeling when anyone outside the family heads for your bathroom, don't be discouraged . . . there is a solution.

Imaginative decoration, a few smart accessories, and the handsome richness of a floor of Armstrong's Rubber Tile can make your bath one of the prettiest rooms in your house.

Style was brought into this bathroom with colorful chintz that was applied to the walls like wallpaper. The chintz pattern inspired the room's closely harmonized color scheme, and the refined good taste of the floor of Armstrong's Rubber Tile is a rich background for its brilliant colors. This floor's lustrous, smooth plate finish also makes an important contribution to the luxurious effect.

You'll appreciate other features of Armstrong's Rubber Tile, too. Its remarkable resilience underfoot is apparent the moment you walk on it. Dirt can't cling to its exceptionally smooth surface, and the precision-cut tiles permit a crevice-free, splashproof installation.

No matter what color scheme you may choose, you'll find harmonizing colors in Armstrong's Rubber Tile. Your Armstrong flooring merchant will be glad to show you the wide color selection—and, if you wish, work out a special floor design. You'll find his decorating experience helpful when you start planning your bathroom.

Send for free booklet containing full information about Armstrong's Rubber Tile and the complete range of colors available. A floor plan of this bathroom with a fixture layout and list of furnishings will also be sent free on request. Just drop a post card, with your name and address, to Armstrong Cork Company, Floor Division, 5302 High Street, Lancaster, Pennsylvania

A step up to the tub makes bath time safer for youngsters, gives Mother a place to sit while scrubbing small ears. Garment pegs are placed at convenient heights for the small fry. The bold flower motif around the mirror was cut from the same chintz used on the wall in the alcove. The curved dressing table provides plenty of space and has a plastic top of Armstrong's Corlon®. The floor is Armstrong's Rubber Tile, Style No. 649, Cypress Green; the step, No. 609, Ecrulette.

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Climbing Talisman is the rose on the cover. An old favorite, it all but covers the fence, guides visitors who are looking for the home of Jack Reed, Mandeville Canyon, West Los Angeles. Photograph: George de Gennaro

Better Homes and Gardens®

February, 1953 Vol. 31, No. 2

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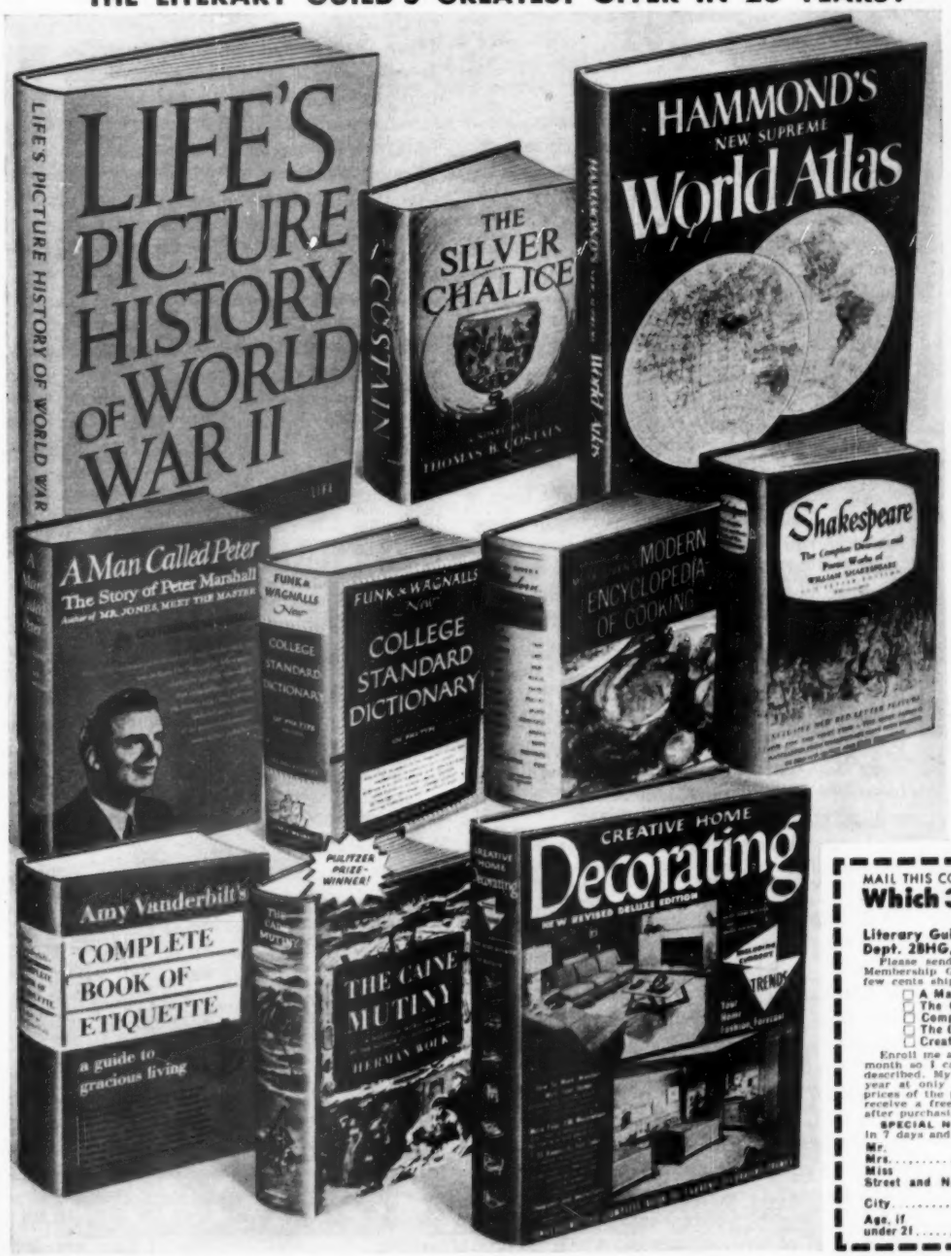

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When should you consult your lawyer?

Buying or selling property? Starting a business of your own? Having income-tax problems? It's better to consult your attorney now than to risk costly trouble later

By Michel Lipman

Almost every American family gets into a legal snarl at some time or other. Faced with time off the job, court costs, and perhaps a big judgment to pay, they rush to a lawyer and are often told, "I'm sorry, but there's little to do now except go ahead with a lawsuit. If you'd only come in sooner, we could have avoided all this trouble and expense."

Contrary to popular belief, lawyers don't rejoice at every prospect of a lawsuit. Like doctors, they'd much rather catch and cure the trouble before it gets serious.

How, then, are you to recognize the symptoms of a legal snarl? How can you tell when a lawyer should be consulted? Here are some of the situations where your family lawyer can keep you from coming down with a feverish bank roll:

Friendship deals. Joe and Louise were desperately looking for new quarters. They were expecting a child, and their landlord had given them notice to move. Their good friend, Will, was building a small house for sale, and the two men made a deal. Joe was to pay $300 toward materials and help weekends with the construction, then get a G.I. loan for the balance. But Joe couldn't get a loan because of incorrect specifications. There was no other way he could finance the house.

"Gosh, Will, guess I'll have to take back my $300."

Will didn't have the cash at hand, said it wasn't *his* fault Joe couldn't go through with the deal; he'd have to forfeit his investment. Joe and Louise rushed to a lawyer, who wasn't very hopeful. "No written agreement? No definite understanding about the down payment? Well, I'll talk to Will, but don't expect too much."

Luckily, Will preferred to settle for 50 percent rather than risk a lawsuit. They could have had the whole amount if they'd used a bit of caution.

So . . . *never* tie yourself into a deal without some kind of written memorandum. People easily forget the exact terms of an agreement. Have your lawyer draw a simple contract. It will provide for things you wouldn't normally think of, such as what happens if one side backs out. Or dies; or becomes ill; or goes into military service; or sells out his interest. "Friendship deals" are bad because argument over the exact terms often destroys the friendship. Not only that, but absence of an exact understanding often makes a just settlement impossible.

Look out for dotted lines. Unless you buy and sell only for cash, any important purchase will need your name on a dotted line. Freezers, washing machines, stoves, furniture, automobiles, are usually sold on installment payment plans. Sometimes the "plan" is no more than a simple charge account, but often you are required to sign a special agreement, make your payments regularly . . . and never hear any more about it.

Suppose you get sick, lose your job, or can't pay for some other reason? Reputable concerns will give you an extension of time on request. Whether you are dealing with a loan company, furniture store, correspondence school, or automobile dealer, there are always a few sharpsters who would be called crooks, except that they manage to operate within the law. *Read* the papers you're asked to sign no matter what you're told about it, or whether it's labeled "*lease contract*," *receipt*, *enrollment application*, *conditional sales agreement*, or *memorandum*. The title doesn't mean a thing; the words in fine print are what count.

Look for such things as *I promise*, *agree*, *covenant*, and *stipulate*. These are what make a binding contract, no matter what you're told by the salesman.

Here are some danger words: *Waiver of the statute of limitations*, *confession of judgment*, *assignment of wages*, *skip-tracing fees*, *brokerage charges*, *waiver of exemption*, and *homestead rights*. When you see these expressions, you may be dealing with a sharpy. On the other hand, perfectly legal contracts may provide lawyer's fees in case of a lawsuit, or that the whole balance becomes due if your payments aren't made on time. [*Turn to page 8*

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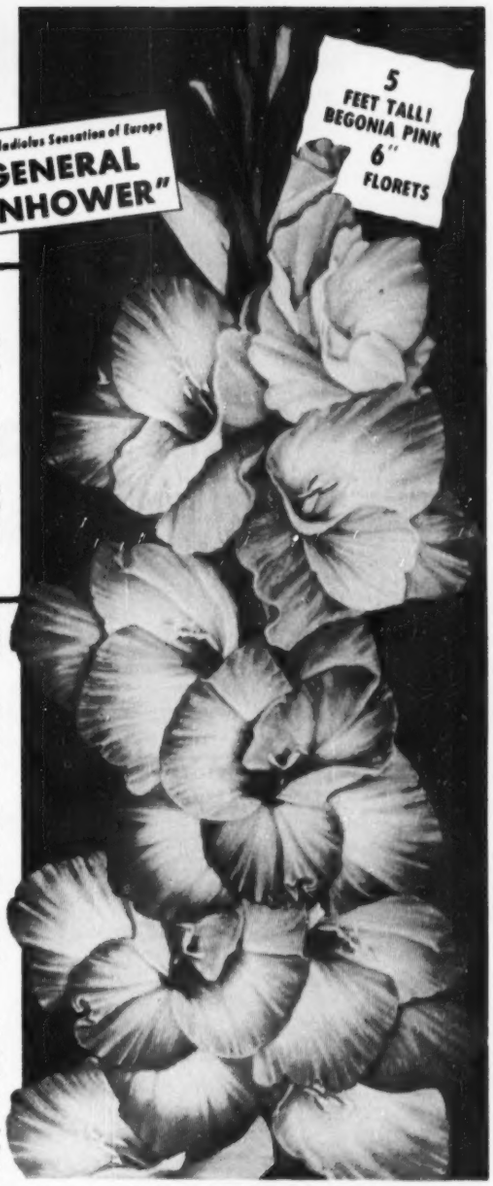

These giant European gladiolus varieties grow up to 5 ft. tall, with individual florets as big as 6 in. across.

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5 General Eisenhower Jumbo Top-Quality Bulbs

Will Bloom 5 Feet Tall This Year

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45 Regular Size Bulbs—9 Each of 5 Varieties

Will Bloom 4 Feet Tall This Year 5 Feet Tall Next Year

These regular size bulbs, over 4 in. around, will all bloom this year, with florets 4½ to 5 in. wide. Bulbs will become giant size next year, growing spikes up to 5 ft. and florets up to 6 in. wide. Assortment includes 9 General Eisenhowers and 9 each of 4 other famous exhibition varieties, in four different color groups: white, lavender, scarlet, yellow.

200 Baby Gladiolets—5 Registered Varieties

Some May Bloom This Year, Most Will Bloom 4 Ft. Tall Next Year, 5 Ft. the Following Year

A few of these bulbs may bloom this year in northern climates, most will next year, and by the following year you will have large bulbs which will grow giant spikes and florets. All registered exhibition varieties. Blooms are in the 5 most popular gladiolus colors. (Will multiply when fully grown, to yield thousands more!)

Bulbs You Buy for 1¢ Each Now Can Be Worth $20.00 in 3 Years!

Picture a garden of hundreds of giant gladiolus, towering 5 ft. high, with enormous eye level spikes of colorful florets that measure as much as 6 in. across! You'll say you never saw gladiolus of such breathtaking beauty. Their vivid blooms will make great splashes of lovely color, in delicate tints of pink, white, lavender, yellow, and scarlet. You'll have vase after vase of beautiful, exhibition-quality cut flowers to brighten your home.

The prize beauties of your gladiolus garden will be the magnificent General Eisenhower, its brilliant begonia pink blooms shining like banners. Created and named by a famous Dutch bulb grower in gratitude for the American liberation, this unique gladiolus has been a sensation in Europe, winning in succession the Award of Trial Grounds at Haarlem, Holland; Award of Merit; and highest of all, the First Class Certificate. Formerly extremely rare and expensive, General Eisenhower bulbs are now yours in this amazing collection of 250 Gladiolus, all for only $2.49.

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Limited Import — Order at Once

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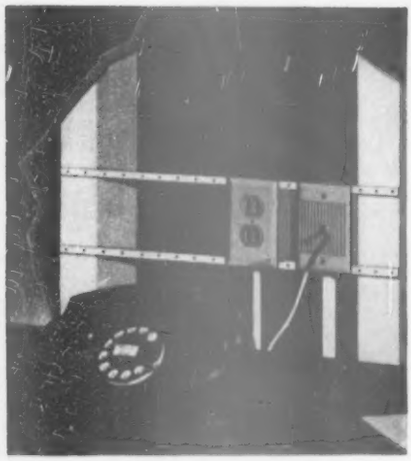

Telephone wires disappear when boxes and conduit are built into the walls of your new home.

Every detail is important when you are planning a new home. For one thing, you want to be sure that there are electric outlets in all the right places.

Telephone outlets need your attention, too!

Only by planning ahead can you be sure that your telephones will be exactly where you want them—that the wires will be concealed inside the walls. Built-in telephone raceways protect the appearance of walls and woodwork, let you add or change telephones later on without exposed wires. And the cost is surprisingly low.

For more information about home telephone planning and concealed telephone wiring, please call your nearest Bell Telephone Business Office.

BELL TELEPHONE SYSTEM

When should you consult your lawyer?

Begins on page 6

Know what you sign! If there's *any* question in your mind, take the paper to your lawyer. Don't be put off by the salesman telling you no one does such things, or that store rules won't permit the contract to leave the place. In the first place, he's not a lawyer, and secondly, he may be strongly influenced by his need for the commission. *Don't go for verbal promises!* If you're told the contract you are asked to sign means something else, or you're promised something extra, see that it's written right in with pen and ink and initialed. A salesman might leave the firm, or forget what he promised or said, and the firm may say, "Sorry, we are only bound by the *written* terms of the contract!"

If you're arrested. Suppose you had a heavy dose of novocain for a difficult treatment at your dentist's. You leave his office, still groggy, and find someone has run into your parked car and pushed one end out into the street, making it a dangerous traffic hazard. You get in, move the car a few feet to a safer spot before talking to the traffic officer. The nervous excitement and the novocain combine to make you a little dizzy. The officer looks at you suspiciously, calls a nearby ambulance attendant who says, "This lady's had a shot of some drug." You admit it, and you're promptly arrested and charged with driving under the influence of drugs, a penitentiary offense!

Sounds like a mess, doesn't it? You *were* under the influence of a drug, and you *were* operating a motor car. Your impulse is to try to explain. Don't! Keep still and *don't* sign anything! Give your correct name, add that any statement you make will be through your lawyer, and ask for permission to phone him immediately. He'll arrange bail, and you're free until the preliminary hearing. At that time, he points out to the court that you weren't "driving" within the meaning of the law, and cites Appellate Court cases to prove his argument. The charges against you are dismissed.

Had you not called him, the chances are you'd have spent time in jail, would have been held for trial in a higher court, and become involved in a more lengthy, formal, expensive proceeding.

Buying or selling property. When buying or selling real estate, it's a good idea to have your lawyer look at your purchase agreement, deed, and the mortgage papers. Deeds look simple but can contain some troublesome "stickers." Discuss also the important question of whether you and your wife should hold the property as joint owners, tenants in common, or otherwise. When selling property, you also want expert advice. If the deal is cash, what about your income tax? It might be better to take a mortgage from the buyer. You would gain interest and probably reduce taxes. If the mortgage (or deed of trust) is a "second," you'll want to know what happens if the first mortgage holder has to foreclose. You may not realize you can get "stuck" for a sizable sum if the person you sell to doesn't pay the bank.

Buying or selling a house is one of the most important transactions in the affairs of a family. It usually involves a large sum of money, and a liability that continues for many years.

When you marry. You may have, or are going to accumulate, property, such as bank accounts, insurance, bonds, real estate. There are several types of property ownership with advantages and disadvantages to each.

Three words on a deed can mean the difference between a comfortable widowhood, or a destitute one.

Kenneth and his sister owned a piece of land which had cost very little. It had been sold to them as "joint tenants." Kenneth married Jane. Years passed, and as the city grew, the land became valuable. Kenneth then put all his available funds into building an apartment house on it. His sister Margaret put in nothing, although her name still remained on the record. Believing he was protecting his wife, he made a will leaving her everything he owned.

After his accidental death, matters didn't go as he expected. Jane learned with a shock that Margaret became entitled to the whole apartment house as the surviving joint tenant! Neither Jane nor Kenneth had known that one's ownership in property in joint tenancy goes to the surviving owner, regardless of will.

If you've been married before, take all your deeds, contracts, and insurance policies to your lawyer and let him tell you what changes, if any, should be made. One wise young widow prudently asked her attorney to check the past history of the charming gentleman she'd thought about marrying. It was learned that he had an interesting record as salesman for a bogus oil-stock racket! Needless to say, the widow later married a more stable character.

There are many other situations where a lawyer is important in marriage-planning. A written premarriage agreement is often of value when relating to property or to the way in which children or stepchildren shall be raised, or what religious training shall be given. Courts will enforce such agreements, if that ever becomes necessary.

A business of your own. No matter how small, a business venture of your own means special taxes, credit arrangements with suppliers and customers, insurance, workmen's compensation, Social Security

[*Turn to page 194*

THIS WINDOW IS DIFFERENT! Two panes of double-strength glass, framed in satin finish aluminum, slide *horizontally* on nylon shoes—over a fiberglas track. Each Nova-Vita Horizontal-Sliding Window comes in its wood frame—with aluminum tension screen—ready for immediate installation. These are merely the basic facts! For any room in the house—for a picture window—use the coupon below to learn what these facts can mean to you.

MORE USEABLE SPACE IN LESS SPACE! Nova Wall and Furniture Units save space in new home construction—provide additional space in remodeling. They can be used individually or in combinations; they can even take the place of a wall. Included are wardrobes, vanity, linen cabinet, dresser, music units, desk, bookshelves, bath cabinet, storage wall units, etc. The coupon below will bring you illustrated descriptions of all types.

DOORS THAT MOVE EASILY, SILENTLY—SAVING FLOOR SPACE! Nova Roller Doors for closets and passageways are built for year 'round, all-season, every-climate use. Two or more doors cover any opening up to full wall length. One man makes the average installation in less than 30 minutes. The coupon below will also bring you details on Nova Closet Fronts—2 types, 8 sizes—to make a closet or storage unit out of an existing recess.

50 places in your home—

TO BUILD BETTER and SAVE MONEY!

When you select products and materials for your home — whether modernizing your present home or building a new one — these should be your yardsticks . . . (1) the installed cost; (2) the estimated maintenance costs; (3) the probable total years of service; (4) the increased investment value — for mortgage or resale purposes; (5) the increased beauty of your home . . . Each product or material on this page was designed and engineered to be measured and appraised by all of these standards. Naturally there are still further facts—and a far wider selection of sizes, types and styles—than can be presented on one page. We urge you to mail the coupon below to secure the detailed, illustrated literature you need for making your decisions.

SHEATHE AND SHINGLE WITH BEAUTY—IN ONE OPERATION! Noted architects—serving their wealthiest clients—strive for wide exposures and deep shadow lines. Nova Insulated Sidewalls and Roofs give you these important features, together with major savings in materials, time and labor costs. Here are top-grade cedar shingles or shakes, so installed that they cannot curl or split or get rust-stained. The coupon will help you learn why.

A WHOLE WALL OR CEILING—IN ONE PIECE! Homasote Insulating-Building Board in Big Sheets—up to 8' x 14'—is *permanently weatherproof, permanently crackproof.* Time-tested for 36 years and in every climate—for exterior finish, for wall, roof or under-floor sheathing—for interior finish with either paper or paint.

WHEREVER YOU WANT TO KEEP WATER EITHER IN OR OUT! From foundation to chimney top—for fish pond or reservoir—*for every type of masonry surface,* indoors or out—there are time-tested Novaproofing products and methods which enable you to solve your problems. This statement applies to new houses and to old houses alike. The coupon will bring you the detailed facts.

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☐ Send me your "50 Places" book, describing all Homasote and Nova products. I enclose 25¢ to cover handling costs.
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City & Zone.....State.....

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☐ Nova Stabilized Roller Doors and Closet Fronts
☐ Nova Insulated Sidewalls and Roofs

HOMASOTE COMPANY • NOVA SALES COMPANY • TRENTON 3, N. J.

View of entrance-way. Inner garden is at left.

HONEYWELL | ZONE | CONTROL | MAKES POSSIBLE

Ideal "Indoor Climate" For The Modern Home

Now you can have the temperature you want—in every room—with Honeywell Zone Control

Just how you can bring the feeling of outdoor spaciousness and natural beauty *into* the modern house is well exemplified by the handsome new home of Mr. and Mrs. Victor Hornbein in Denver, Colorado.

And it well exemplifies, too, the ideal "indoor climate" Honeywell Zone Control makes possible—*in every part of the house*—in the most changeable winter weather.

When developing the plans for their home, the Hornbeins saw an ordinary temperature control system wouldn't do.

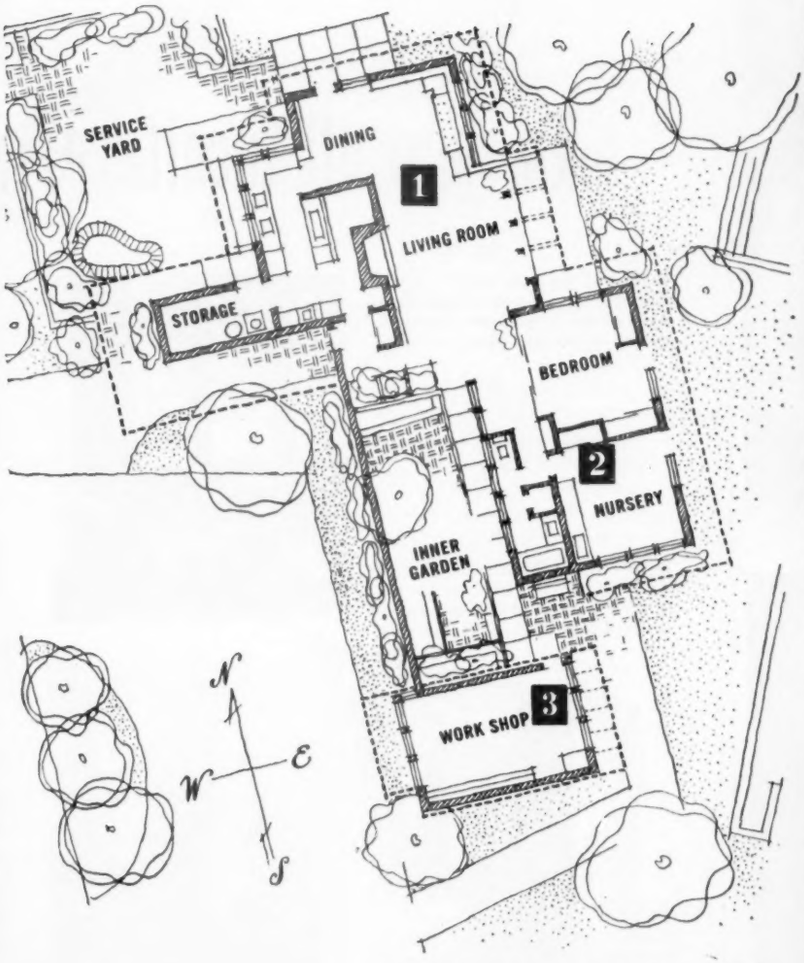
As Mr. Hornbein, himself an architect, puts it, "What we wanted was a house that afforded real *comfort*—all winter long. So we divided the house into three heating zones, each with its own thermostat system."

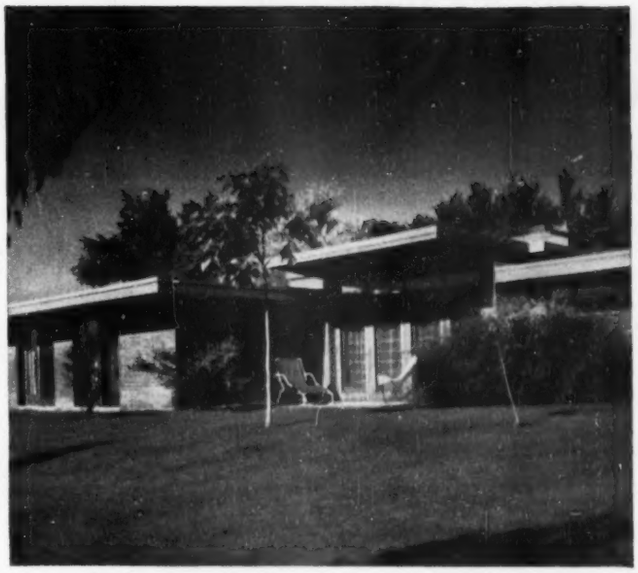
And today, with separate Honeywell thermostats in each of these zones, the Hornbeins and their guests enjoy ideal "indoor climate," in all parts of the house, no matter what the winter weather.

So talk to your architect or heating engineer about Honeywell Zone Control. Have it installed in your home—and enjoy the ideal "indoor climate" it provides.

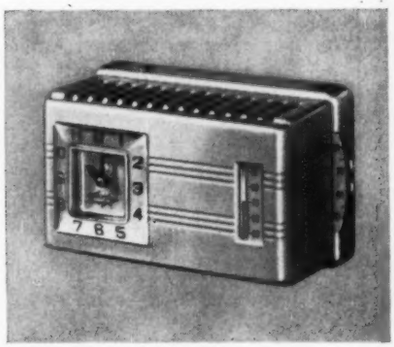
Heating zone 1—the living-dining area

A separate thermostat is needed in this area to counteract strong winter winds that blow from the northeast—and to compensate for extra heat from the fireplace.





The modern look of the Hornbein home is dramatically evident in this view of the exterior. Note the generous overhang of the flat roof that shelters the small terrace. Note, too, the modernized version of French doors that open into the living room. A separate Honeywell thermostat assures wintertime comfort in the area behind these doors by compensating for heat lost through the large glass area.



HONEYWELL
CLOCK
THERMOSTAT

Owners say the Honeywell electric or electronic clock thermostat is wonderful because it turns *down* the heat—automatically—when you go to bed, and gives you a nice cool room to sleep in; turns *up* the heat—automatically—while you're still asleep, and your home is warm when you get up. Saves you fuel, besides! The clock thermostat is ideal for use with zone control.

The bedroom of the Hornbein's four-year-old daughter is located in *heating zone 2*. The varying amounts of solar heat admitted by the room's southern windows, on a day when it's alternately cloudy and bright, are easily compensated for by an individual thermostat. Thus, the room is always comfortable—even for a child playing on the floor.

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Honeywell

H HONEYWELL

First in Controls

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Minneapolis 8, Minnesota

Gentlemen: Please send me your free Honeywell Zone Control Booklet, "Plan to Enjoy a New Concept of Living Comfort in Your Home."

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New FORMFIT "Under-Look"

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THE FORMFIT COMPANY
CHICAGO, NEW YORK

Life by Formfit

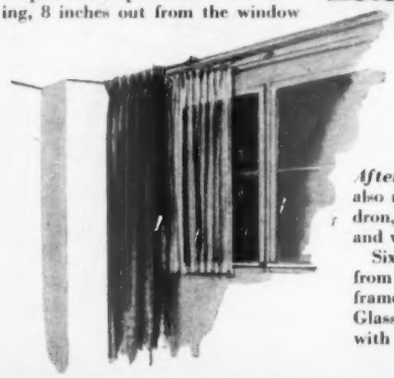
For a Sweetheart of a Figure

MORE WOMEN WEAR FORMFIT THAN ANY OTHER MAKE

To show off furniture,

Before. **Bulky sofa, spindly tables, stripes going up and down and across make room look confused, unsettled. Wall in the corner makes three turns**

To hide one-third of awkward wall jog in corner, traverse rod for the draperies is suspended from the ceiling, 8 inches out from the window



After. **Structural break in wall is also minimized by the philodendron, and by painting both walls and woodwork off-white.**

Six-foot coffee table is made from a Japanese screen, set on a frame of birch built to fit it. Glass top is secured to frame with mastic to protect screen.

Photographs: Dearborn-Massar

simplify the background

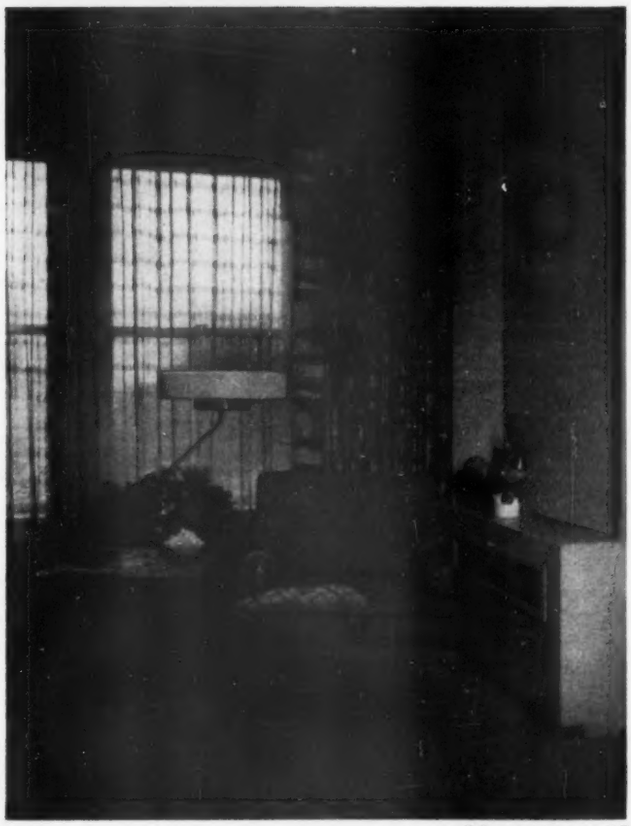
By Margery Phillips

If you have an older home, you probably have a background problem, too: dark woodwork, jogs and ells, pipes and radiators. They make decorating difficult—particularly when you want a smooth, unperturbed setting for fine-looking furniture. When the Phil Coffers of Seattle moved into this old home to get more space, they moved into a welter of pipes and stripes, cut-up corners, and clumsy radiators, too. But see what they were able to do, simply with paint, draperies, and a few built-ins.

← ***Before.*** **Dark woodwork emphasizes that bad turn in the corner; striped wallpaper makes high ceiling seem even higher. Radiator is an eyesore**

After. **Casement curtains of sheer linen soften window wall, blur poor proportions. Here, too, draperies are hung from ceiling to hide jog.**

Radiator is concealed in a trim plywood cabinet; the grill is made of multicolor, plastic-coated wire. New, low radiator is better suited to low lines of Modern furniture.



More on page 15

The Joneses turned Green with envy...

. . . when they saw the truck delivering our new Mueller Climatrol. She rushed over to see me right away. "We got tired of those incessant trips to the basement," I told her, "tired of being either too hot or too cold, tired of dirt. We thought it was foolish to put off having the convenience, health and comfort of automatic heat any longer. Wanting to get *the best,* we naturally selected *Mueller Climatrol".*

I guess this is one time the Joneses are trying to keep up with us; I hear they now have Mueller Climatrol heating, too.

TIPS ON HOME HEATING

FROM YOUR MUELLER DEALER

Mueller Climatrol — with 96 years of experience — has the most complete line of heating, air conditioning and cooling equipment for your home. That's why — no matter what your needs, or what price range your budget allows — you'll find a Mueller Climatrol best suited to serve you. Mueller dealers have an easy payment plan so that you can enjoy the advantages of automatic heat now, at low cost. Let us send you our 12-page, colorful free booklet, "Accent On Comfort". Use the handy coupon below.

96th Anniversary

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Please send me the FREE Booklet—"Accent On Comfort".

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Are you missing any of these PYREX dishes?

A joy to cook with! Easy to wash clean! So smart for serving!

PYREX FLAMEWARE PERCOLATOR

Don't guess—*see* your coffee perk to just the right strength! Cover locks on for safe pouring. 4-cup size, $2.45; 6-cup size, $2.95. 9-cup size, **$3.45**

PYREX SHALLOW BAKING AND SERVING DISH

Serve your pies in new PYREX Bakingware that's as smart as your table china. Lime green or flamingo red, milk-white inside. 8½-inch size, **60¢**

PYREX LOAF PAN

Quick, even baking for hot breads, meat or fish loaf. PYREX Ware is as easy to wash clean as a dinner plate. 8¾-inch size, 69¢. 10¼-inch size, **89¢**

PYREX FLAMEWARE DOUBLE BOILER

You can see the water level at a glance. Use as two separate saucepans—cover fits both. Hang-up rings save storage space. 1½-quart size, **$3.45**

PYREX ROUND BAKING AND SERVING DISH

Colorful PYREX Bakingware is *tempered*—this useful dish can go straight from refrigerator to oven to table. Lime or flamingo. 8¼-inch size, **95¢**

PYREX COLOR BOWL SET

Rounded inside for easy mixing by hand or electric mixer. Brightly colored bowls in four sizes: 1½-pint; 1½-, 2½- and 4-quart. Set of 4, **$2.95**

PYREX UTILITY DISH

For baking fish, apples, biscuits, cakes. Bakes perfectly, and it's so easy to wash clean! 3 sizes—2-quart, 89¢; 3-quart, $1.00. 1½-quart size, **69¢**

PYREX CASSEROLE WITH UTILITY COVER

The cover's an extra dish! PYREX Ware heats quickly, browns evenly, keeps foods hot! 3 sizes—1½-quart, 89¢; 2-quart, $1.00. 1-quart size, **79¢**

PYREX INDIVIDUAL DISHES

Handy clear individual dishes—every woman's favorite for baking, serving, storing. 5-ounce size, 5¢; 10-ounce, 15¢; 1-pint, 19¢. 6-ounce size, **10¢**

PYREX FLAMEWARE SAUCEPAN

PYREX Flameware saucepans have lock-on covers; stay-cool handles; hang-up rings for storing! 1½-quart, $2.25; 2-quart, $2.45. 1-quart size, **$1.95**

PYREX FLAMEWARE TEAPOT

Boil water, brew tea, serve proudly in the sturdy PYREX teapot. All PYREX Flameware is *tempered* to make it extra-strong and durable. 6-cup size, **$1.95**

PYREX OVEN AND REFRIGERATOR SET

Four gaily colored dishes with clear covers—dandy for baking, serving, storing. You'll find dozens of uses for these dishes. Set of four, **$2.95**

There's only one **PYREX** ware, a product of Corning Glass Works, Corning, N.Y.

VISIT THE CORNING GLASS CENTER, CORNING, N. Y.

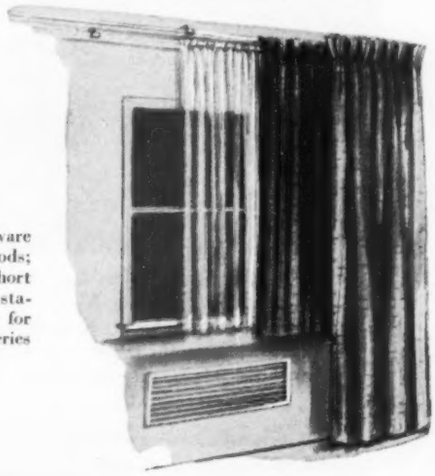
"Pyrex" is a registered trade-mark in the U. S. of Corning Glass Works, Corning, N. Y.

Simplify the background

Begins on page 12

Before. Exposed radiator pipes, and the radiator itself, were problems in dining room. Flowered wallpaper only emphasizes the cluttered effect

After. To hide pipes, stationary draperies hang from ceiling to floor in corner. Casement curtains and draperies that pull across windows are cut off at sill length to clear built-in cabinets and radiator below. Draperies, wall, woodwork are all a deep turquoise; carpet is gray



Three kinds of hardware are used: curtain rods; traverse tracks for short draperies; and a short stationary rod in corner for the floor-length draperies

JOHN MORRELL & CO. • SINCE 1827 • OTTUMWA, IOWA • SIOUX FALLS, S. D.

There's only one season inside your home with a

Waterbury Year 'round AIR CONDITIONER

There's a Waterbury for every size home and every type of fuel

When the north winds howl, your home needs all the cozy warmth a Waterbury warm air furnace or winter air conditioner can provide. On sultry summer days, controlled cooling is equally important. Waterbury has met both these needs with a year 'round air conditioner, using the same ductwork to heat your home in the winter and cool it during the summer. And, whatever the season, the air is filtered and its humidity controlled before it is circulated throughout your home. Waterbury truly gives *one* season *inside* throughout the year.

In addition to the year 'round air conditioner, Waterbury manufactures a complete line of furnaces and winter air conditioners.

OVER 46 YEARS OF WARM AIR HEATING

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Please send me the heating guide, "It's So Important" and the complete folder of Waterbury units.

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STREET OR RFD _____

CITY _____ ZONE ____ STATE _____

"It's What's Under the Casing that Counts!"

What's wrong with

1 **"This is the house** John and Sue want to buy," Mrs. Manson tells her husband, Walter. She hopes that Sue's father will object because "they can't afford it on John's salary." But Mr. Manson says they are determined, may have to learn by their "own mistakes."

2 **"You have a nice place** here with us and can stay as long as you like," Mrs. Manson tells Sue and her son-in-law, John. "Be smart and stay here until you have more money in the bank." Sue replies, "We'll manage somehow, Mother. It's such a lovely house."

this family?

Prepared in cooperation with the Family Service Association of America

3 **"Your mother is taking this very hard,"** Mr. Manson tells Sue at the real-estate office where she and John have gone to sign papers. "You know she isn't very well and this deal of yours has her worried to death." John says, "But isn't it up to Sue and me to decide?"

Photographs: Harriet Arnold

4 **"We'd own this house now** if you hadn't let your mother mess up our plans," John tells his wife. Sue's excuse: "She's getting old, John, and I can't bear to hurt her." John says, "We're going to have our own place soon if it's the last thing I do."

What's wrong with this family?
See page 159 for the answer

"MODERNFOLD" *Magic* GIVES YOU

TWO BIGGER ROOMS FOR THE PRICE OF ONE DOOR

• There's really nothing to it. Just replace your old two-way swinging door with a "Modernfold" door (you can do it in about 30 minutes without remodeling) . . . and you add usable floor and wall space in *both your kitchen and dining room.*

Since "Modernfold" doors fold open and closed *between door jambs,* they never swing into and bang furniture . . . never stand dangerously ajar . . . or slam unsuspecting fingers.

How long do they last? As long as the door they replace. Their frame is steel: covering is tough, colorful, easy to wash Vinyl. No painting problems . . . no warping.

Your "Modernfold" Man can show you how to save room—in *every* room. As an expert in space utilization, he can solve any space shortage due to door swing. That's been "Modernfold's" job since 1936. Call him today—under "doors" in your classified directory. Or clip coupon.

"MODERNFOLD" DOORS provide a quick, simple method of dividing large bedrooms into two smaller rooms.

"MODERNFOLD" DOORS used as *movable walls* add length to living rooms . . . or close to form an extra bedroom, TV room or study.

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☐ Please send further "Modernfold" details
☐ I am interested in a door for my..... (room)

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And Colgate's has proved conclusively that brushing teeth right after eating stops tooth decay best! In fact, the Colgate way stopped more decay for more people than ever before reported in dentifrice history!

LATER—Thanks to Colgate Dental Cream

Brushing Teeth Right After Eating with

COLGATE DENTAL CREAM STOPS BAD BREATH and STOPS DECAY!

Colgate's instantly stops bad breath in 7 out of 10 cases that originate in the mouth! And the Colgate way of brushing teeth right after eating is the best home method known to help stop tooth decay!

IT CLEANS YOUR BREATH WHILE IT CLEANS YOUR TEETH!

For small-house privacy on an inside lot—

Keep your windows to yourself

By Jessie Walker

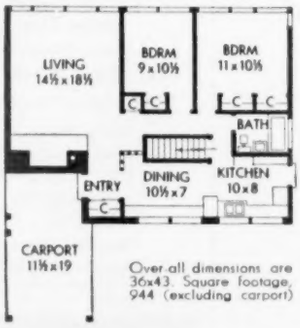
Contemporary design suggests the use of large areas of glass. Have you wondered how you could enjoy this openness on an ordinary 50-foot lot, with close-by neighbors on either side? Actually, you can.

Without any sacrifice of privacy, Designer Edward Humrich developed a highly practical house plan for Mr. and Mrs. Robert Bond of Northfield, Illinois. The house contains less than a thousand square feet, leaving room to spare on a 50-foot lot.

Its key to privacy lies in virtually limiting glass areas to the front and rear, and arranging rooms to make maximum use of the two exposures. Looking outside, you see lawn, garden, and trees—not the house next door.

Photographs: Hedrich, Hedrich-Blessing

Common brick and rich-toned redwood, used in good proportions, present a handsome exterior to passers-by. Flat-topped carport roof extends out far enough to shelter guests approaching front entrance. Flat overhang continues around three sides of house, but is crisply topped with gently sloping gable roof



Floor plan shows simplicity of design, good allocation of space, and controlled use of glass. Note steps off hall to basement

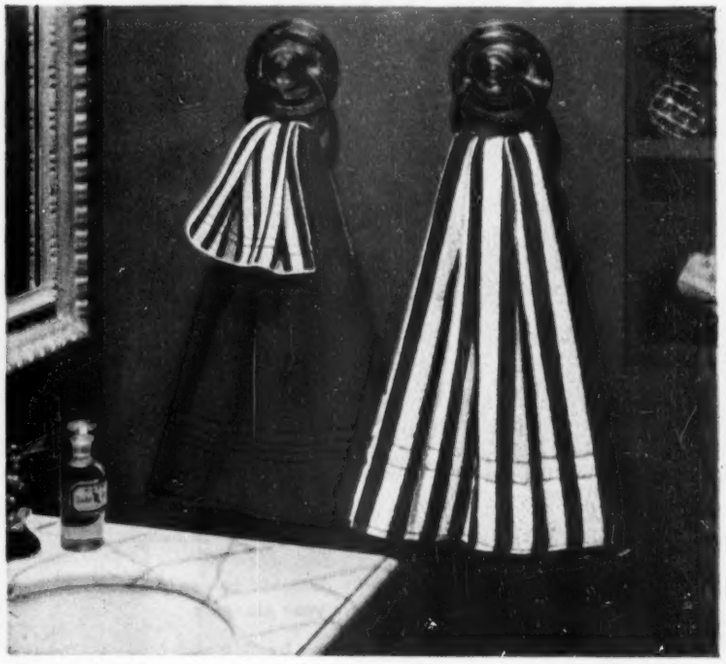
Rear exterior is composed almost entirely of glass, offering good view of woods from both living and sleeping areas, plus benefit of natural lighting throughout day. Draperies are pulled across the windows in evening to insure privacy. Notice solid side wall that is the key to family privacy on inside lot

More on page 20

Your bathroom—Four ways... Change it often at low cost with CANNON TOWELS!

59¢ *bath towel*

What a Transformation this cheery pair gives a bath! They're handsome Cannon towels in delightful Aqua and dainty Petal Pink. And their feel is as divine as their looks! That's because "Beauti-Fluff," Cannon's *exclusive* finish, makes all Cannon towels softer, fluffier, *really* luxurious!



69¢ *bath towel*

Everything Goes Gay! Imagine what a color shot you can give your bath with these brilliant Cannon towels in Lightning Pink . . . in a solid and a stripe. These charmers are two of many designs, a host of colors, that will inspire change-abouts for your bathroom, all at little cost!

1.19 *bath towel*

Florals Make It Festive! This Cannon ensemble in Emerald Green is frankly feminine, elegantly sculptured. Have a complete ensemble, in a favorite color, for each member in the family! Long-wearing Cannons keep their sparkling colors through years of hardest use!

1.98 *bath towel*

Harmony for Spring! Marseilles sings of spring in Pink Lilac and Greenspray. Like all Cannon towels, it's thirsty as a desert. In fact, Cannon towels *absorb five times their weight in water!* It's little wonder that 8 out of 10 of America's wisest shoppers prefer Cannon towels!

More women buy Cannon towels than all other brands combined!

TRADE MARK MADE IN U.S.A. CANNON

Cannon Mills, Inc., 70 Worth Street, New York City 13 Towels • Sheets • Stockings • Blankets • Bedspreads

Practical Help
FOR HOME PLANNERS

DESIGN NO. 5145

The Weyerhaeuser 4-Square Home Building Service offers scores of professionally designed homes to help you in your planning

Here is a sure, easy way to plan and build your ideal home. There are outstanding examples of skilled professional planning among the many homes in the 4-Square Home Building Service . . . the most recent addition is shown above. As you examine these architect-designed homes, you will find many practical pointers to guide you in your planning.

Without charge, this beautifully illustrated Service is offered to you by your Weyerhaeuser 4-Square Lumber Dealer. You will see the best work of specialists in the design of four, five and six room homes . . . a wide choice of modern styles and a variety of floor plans to meet your family needs. Complete blueprints and specifications are available for each design, to assure correct use of the right materials for durable, economical construction.

The coupon below will bring you a book illustrating over 50 of the designs in the Service, a folder describing the home shown above, and the latest edition of the helpful book "Professional Pointers for Home Planners".

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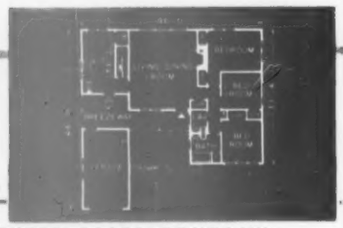

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I have checked material I want and enclose correct change.

- ☐ Folder and the Booklet showing 50 other designs ..... (10c)
- ☐ "Professional Pointers for Home Planners" ..... (10c)
- ☐ All three of the above ..... Total 20c

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Address _____

City _____ *Zone* ____ *State* _____

Keep your windows to yourself

Begins on page 18

With a wall of glass like this, the outdoors seems to become a part of the informal, friendly living area. On either side of the two fixed-glass windows are doors (one of them concealed by drapery) providing ventilation and access to terrace. And washing windows is a breeze

Exterior brickwork is carried on inside to form this generous fireplace wall in the living room. Sandlewood-colored stain on clear white pine walls accentuates warm tones in brick. Clearly evident simplicity of design without loss of contrast cuts housework chores to a minimum

Though bedrooms are small, wall of glass gives a feeling of extra space. Insulating glass is used to eliminate the need for storm sash. Doors open out so draperies can be closed for privacy. Screens fit inside. Notice that terrace extends across entire width of house at the rear

More on page 22

AN EXCITING NEW WAY—PARTICULARLY FOR FAMILIES WITH CHILDREN—TO OBTAIN A WELL-ROUNDED EDUCATION IN THE ENTIRE HISTORY OF ART

24 of the finest paintings of VINCENT VAN GOGH

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The Metropolitan Museum of Art

PORTRAIT OF THE ARTIST

PRICE FOR THE SERIES OF 24 MINIATURES WITH A 32-PAGE ALBUM CONTAINING EXPLANATORY NOTES ABOUT THE ARTIST AND HIS WORK:

$1.25

IF YOU are not familiar with The Metropolitan Museum's unique method of home art education—both for adults and young people—this striking set of 24 Miniatures of works by Vincent van Gogh will serve as an impressive introduction. Once a month The Metropolitan Museum of Art in New York prepares separate sets of full-color miniature reproductions of the world's great art treasures.

Eventually these sets will encompass the most interesting and most representative work of every period, every school, every great painter from leading museums in this country and abroad. For instance, subsequent sets will include works of art by such well-known artists as Leonardo da Vinci, Michelangelo and Toulouse-Lautrec.

In effect, the project will be an informal but comprehensive course, carried on by the staff of the Museum, in both the history and appreciation of art. Yet the plan is of such a nature that it can be followed and enjoyed by persons of all ages.

A SUGGESTION: To acquaint yourself visually with the project, we suggest that you send for this single set of 24 Miniatures of works by Vincent van Gogh. Or, if you wish to subscribe now on a continuing basis, *you can do so with the right to stop whenever you please.* On the latter basis, you will receive with the first Album, and with every sixth thereafter, a handsome Portfolio in which the Albums may be kept for constant enjoyment and reference. The price for each set is $1.25, with Album.

PLEASE NOTE: Since The Metropolitan Museum is unequipped to handle the details involved in this project, it has arranged to have the Book-of-the-Month Club, of New York, act as its national distributor. The selection of subjects and the preparation of the color prints remain wholly under the supervision of the Museum. All matters having to do with distribution are handled by the Book-of-the-Month Club.

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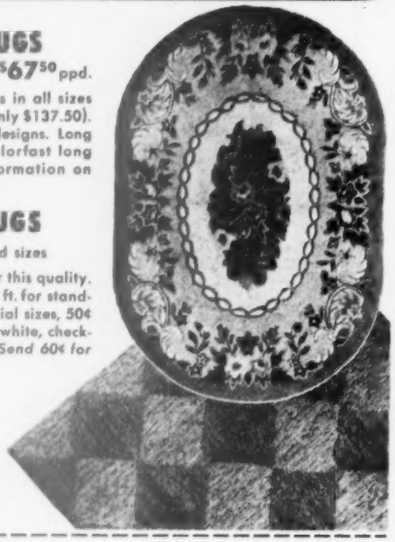

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Room sizes—throw rugs 9'x12' **$67.50** ppd.

The world's finest hand hooked rugs in all sizes from 2' x 3' (only $3.75) to 12' x 18' (only $137.50). Round, oval, oblong; 10 decorator designs. Long wearing, luxuriously textured in colorfast long staple cotton yarns. We'll send information on sample rugs.

MANILA HEMP RUGS

only **45¢** a sq. ft. for standard sizes

You'd regularly pay 75¢ and more for this quality. Our custom made price only 45¢ a sq. ft. for standard 9 ft. (width or length) sizes. Special sizes, 50¢ a sq. ft. Light natural color. Bleached white, checkerboard, 36" squares also available. *Send 60¢ for sample square.*

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Hearth-warming hospitality!

The warm glow of Western Pine* paneling beckons welcome to your guests!

The fine-grained, soft-textured woods of the Western Pines* spell cheer and comfort in this room. Their natural beauty lends warmth to walls, doors and window frames, too. Easy to work, these long-lasting woods welcome paint, stain or varnish—look handsome waxed to a soft, natural finish.

Whether you're building or remodeling, you'll want to bring the cheerful charm of the Western Pines* to your home—ask your retail lumber dealer about them!

THESE ARE THE WESTERN PINES
*IDAHO WHITE PINE
*PONDEROSA PINE
*SUGAR PINE

Looking for decorating or remodeling ideas?

Then send for the picture-packed booklet, "ENCHANTING HOMES OF WESTERN PINES." *It's yours for the asking—write to* WESTERN PINE ASSOCIATION, DEPT. 200-G, YEON BLDG., PORTLAND 4, OREGON.

Keep your windows to yourself

Continued from page 20

Dining room is small, but makes up for its size in attractiveness and usefulness. Close outdoor-indoor relationship is achieved by use of interior brick wall across front of the house. Double set of casement windows here is just low enough for someone sitting at table to enjoy outside view. Recessed fixture supplies soft light for night dining

Here is compact, but modern and efficient, kitchen. Pink brick and sandlewood color of woodwork give kitchen a warm, country feeling. Plants in natural earthenware pots are at home on broad brick sill.

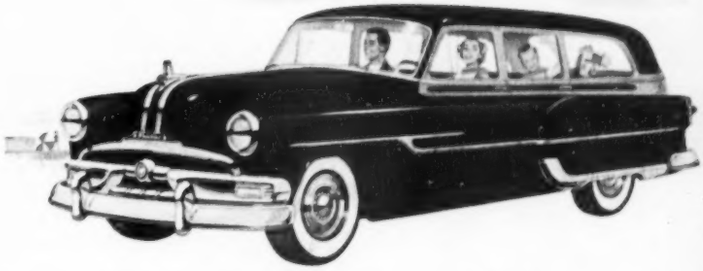
Ventilating fan is placed directly above range for quick removal of smoke and cooking odors. Walls and ceiling are covered with a washable plastic. Lighting is recessed directly above work areas.

DOLLAR FOR DOLLAR YOU CAN'T BEAT A *1953*

Dual-Streak Pontiac

A GENERAL MOTORS MASTERPIECE

In a Class All by Itself!



Pontiac for 1953 is so strikingly new and offers such obvious quality in every detail that it has raised the standards of an entire price class of automobiles.

Certainly no car anywhere near Pontiac's price offers style to match this sparkling Dual-Streak beauty. The great 1953 Pontiac is completely new in every styling detail from bumper to bumper, inside and out.

On the road Pontiac is a spectacular Dual-Range* performer built to give you the most wonderful miles of your life—and to deliver them dependably and economically for years to come.

Best of all, Pontiac is *priced just above the lowest*—well within the reach of any new car buyer. Yes, Pontiac is in a very modest price class, but as an automobile it's in a class all by itself! See your nearest Pontiac Dealer.

**Optional at extra cost.*

PONTIAC MOTOR DIVISION OF GENERAL MOTORS CORPORATION

The Hermitage, home of Andrew Jackson, near Nashville, Tenn.

He wouldn't black the officer's boots

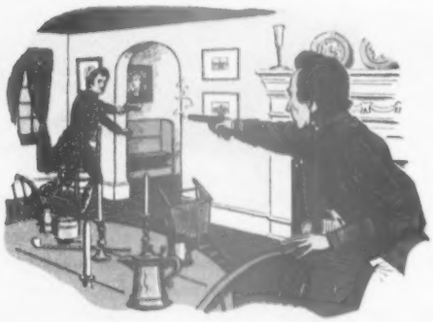
A SOLDIER IN THE REVOLUTION when only thirteen, the following year Andrew Jackson was taken captive. Throughout his life he bore the scar of a sabre blow which he received for refusing to black a British officer's boots. "I'm a prisoner of war, not a servant," he cried.

Born in South Carolina, Jackson settled on the southwestern frontier in what is now Tennessee. Here he married Mrs. Rachel Robards in the belief that her previous unhappy marriage had been terminated by divorce, but discovered later that the decree had not been granted. Despite a second marriage ceremony this unfortunate circumstance was endlessly capitalized by Jackson's enemies. Moreover, his hot temper involved him in several duels which, although not socially condemned at that period, provided political ammunition.

In 1824 when Jackson first ran for President, as neither he nor the other candidates had a majority, the decision had to be made by the House of Representatives and John Quincy Adams was chosen. Four years later Old Hickory won overwhelmingly but his triumph was shadowed by the death of his beloved Rachel a few weeks afterwards. She died of heart failure and Jackson was convinced that her death was hastened by the discovery of scurrilous opposition campaign literature from which he had tried to shield her.

The Hermitage, built in 1819, was badly damaged by fire during his second administration but was promptly rebuilt. Under the custody of the Ladies' Hermitage Association it is now open to the public.

Even up to his death in 1845 Jackson played an influential part in the nation's development. In 1853, during this critical period of expansion, The Home Insurance Company was founded to provide a bulwark of insurance protection behind which American homes and industries might grow and prosper. Pledging itself to maintain the high standards of the past, The Home now confidently approaches its second century of service to property owners everywhere.



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Have you heard the

Latest Garden News?

By Dr. R. Milton Carleton

New annual for bright color

If you're looking for a brilliant color combination in flowers, consider the new verbena variety, Sparkle, an annual which is being introduced this spring.

With the perennial blue lobelia, Sparkle makes one of the brightest combinations it is possible to achieve.

In addition to being the most brilliant red of all annuals, Sparkle is a new type in verbenas. It's extremely dwarf and compact throughout the blooming season. Plants don't develop the bare centers which disfigure ordinary verbenas.

Develop mums for cold areas

Earlier, hardier chrysanthemums for colder regions are on the way.

The U. S. Department of Agriculture has distributed planting stock of two new mums that have survived sub-zero weather at Cheyenne, Wyoming.

The first, called Roza, grows about 16 inches tall in compact, cushionlike form. Flowers are shaded from rosy lavender to purple; the mum blooms as early as late July in Cheyenne. The second new variety, Overly, is even more dwarfed than Roza. It has larger flowers of a light bronze color and blooms in September.

New aid in lawnmaking

Making a lawn on sloping ground may be easier soon.

A new grass "anchor" to hold grass seed on slopes until germination takes place will be marketed this spring. This chemical is an adhesive, which eventually becomes part of the soil to which it is applied.

Find way to kill ground ivy weed

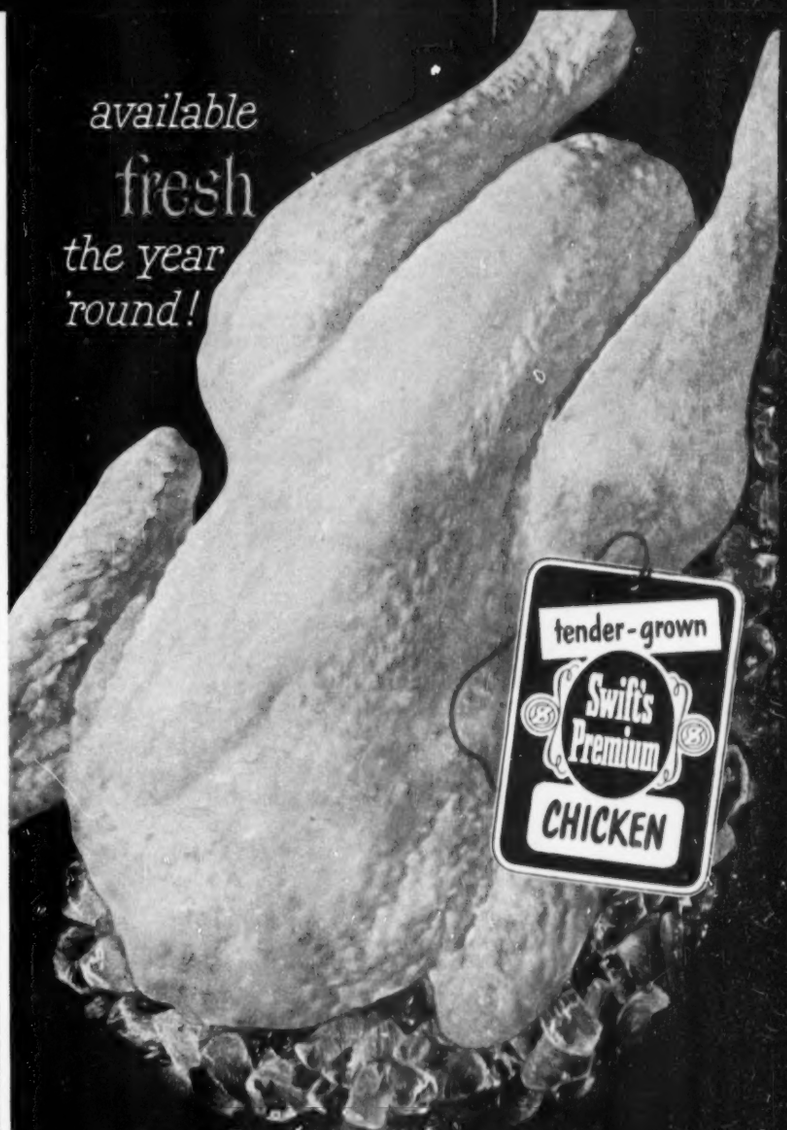
The discovery that a commercial mixture of 2,4-D and potassium cyanate will destroy Creeping Jenny, *Nepeta hederacea*, reported at recent weed-control conferences, is good news to the home gardener.

This persistent weed goes by at least 20 names, including ground ivy, and is widely distributed over the country. It has been difficult to control by other methods.

Advances in plant-food production

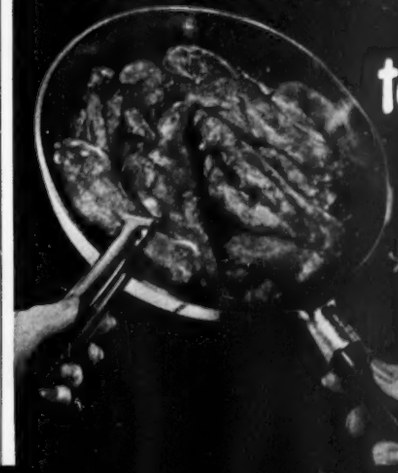
Lower costs and more efficient use of our natural resources are promised by three new developments in production of phosphate plant foods. Complete plant foods sold for home-garden use contain more phosphorus, the pure element in phosphate, than any other single element.

More on next page



so plump and meaty...
with the
Flavor of Springtime!

This is the super eating chicken of all time! Specially raised to grow plump quickly, it's a full month younger than the ordinary frying chicken—combines springtime flavor with lots of tender meat. At your dealer's, displayed fresh on ice or under refrigeration—52 weeks of the year! Look for the identifying Swift's Premium tag on every chicken you buy!



tender-grown
Swift's Premium

How the Careys found an extra "living room"

The Careys needed extra space—space for entertaining, television, sewing, and the many other activities of a growing family. They discovered they could get that space most economically by simply enclosing the old side porch.

One of the biggest savings was in their choice of Armstrong's Temlok® for walls and ceiling. This fiberboard interior finish does two jobs. It decorates and adds insulation. Temlok Plank in the attractive Suntan Blend was used for the upper walls. Snow White Temlok Tile covers the ceiling. With a little ingenuity, the Careys located their antique clock on the chimney wall and framed it by cutting pieces of Temlok Plank to fit.

Armstrong's Temlok makes it easy and practical to convert your porch, attic, or basement into extra living space. Your nearby lumber dealer will be glad to show you samples and help you with plans for bringing your own home up to date.

SEND FOR FREE BOOKLET, "New Ways to Remodel Your Home." It's illustrated in color and packed full of how-to-do-it ideas. Write Armstrong Cork Company, 5302 Farnum Street, Lancaster, Penna.

ARMSTRONG'S TEMLOK

One of the building materials made by the makers of Armstrong's Linoleum

In one process now being used by several large manufacturers, nitric acid is substituted for sulfuric acid in making superphosphate, a product more readily available to growing plants than rock phosphate.

A second process, reported at an American Chemical Society meeting, uses phosphoric acid instead of sulfuric acid. Pioneered by the Tennessee Valley Authority, it was devised to recover uranium from phosphate rock.

A third process, now being developed in France, produces an ammoniated phosphorus plant food in which nitrogen is not locked up chemically. The addition of ammonia makes such a plant food useful as a source of both nitrogen and phosphorus.

Insect poses new problem

Turpentine beetles suddenly developed into tree killers are a new insect problem in the South and in California, the U. S. Department of Agriculture reports.

Until two or three years ago, the black turpentine beetle was known only as a minor pest that infested old pine stumps in the Deep South. Reports of this pest attacking living trees and killing them have increased. In California, the red turpentine beetle has attacked the base of trunks and some of the big roots of Jeffrey pines, causing their death.

Homeowners in the areas mentioned should report signs of beetles to county agents, or to the U.S.D.A. Bureau of Entomology and Plant Quarantine.

Strawberry caution

If you're thinking of setting out a strawberry bed, don't plant it where you grew tomatoes recently.

Dr. A. J. Braun of the New York Experiment Station points out that this increases danger of damage from verticillium wilt, a common soil-borne fungus disease. There's also considerable danger of wilt damage where strawberries follow potatoes, peppers, eggplant, or raspberries. Before soil used for these crops is planted to strawberries, the wilt organism should be starved out for three to four years by planting other crops.

Scientists are trying to develop wilt-resistant varieties of strawberries, but none is ready for introduction.

Weed killers and your lawn

Here's information to keep in mind in selecting a weed killer for use on lawns.

The Chemical Corps at Camp Detrick, Frederick, Maryland, reported recently that while 2,4-D disappeared from the soil 4 to 5 weeks after application, 2,4,5-T was much more persistent. It could be detected in the soil 19 weeks after it was applied.

Both these weed killers can harm the germination of grass seed. If 2,4,5-T is used on lawns in May, it would persist in the soil until after the best period for sowing grass seed in the fall.

Trees can absorb food through bark

Experimental work at Michigan State College shows that trees can absorb plant foods through the bark as well as through roots and leaves. This is reasonable, when we realize that shrubs and trees can be killed by spraying in midwinter with 2,4,5-T in oil. Both nutrients and brush killer enter by the same route—one to stimulate and the other to destroy.

1909 STANLEY STEAMER
Fabled in song and story for its amazing power and speed. **69c**

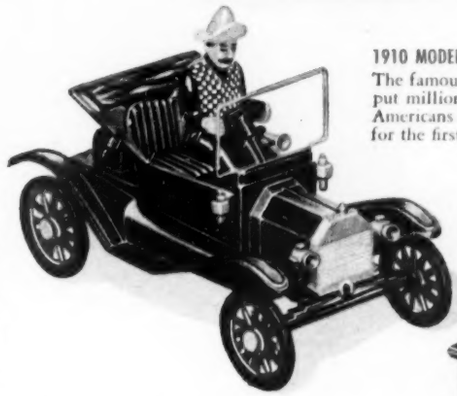
Now-at Woolworth's a new and fascinating hobby

MODEL ANTIQUE AUTOS TO BUILD YOURSELF!

- *THEY ARE REVELL "HIGHWAY PIONEERS"*
- Authentic, Historic Scale Models
- Precision Fitted Plastic Parts
- No Special Tools or Skills Required
- Easy, Thrilling to Do

Fun for all the family

It's grand fun to see these scale models take shape in your own hands. And you don't have to be a craftsman to know the pleasure. They're *easy* to make . . . no cutting, carving, sanding or drilling. Each Revell "Highway Pioneers" kit includes all the plastic parts for a 3 or 4 inch car of ancient vintage, plus a whimsical driver to go in it. You just *assemble* the parts . . . cement them together . . . add the color trim of your choice and you have an authentic miniature job you'll treasure. It's fascinating, yet so simple that a child can do it.



1910 MODEL "T" FORD
The famous car that put millions of Americans on the road for the first time. **69c**

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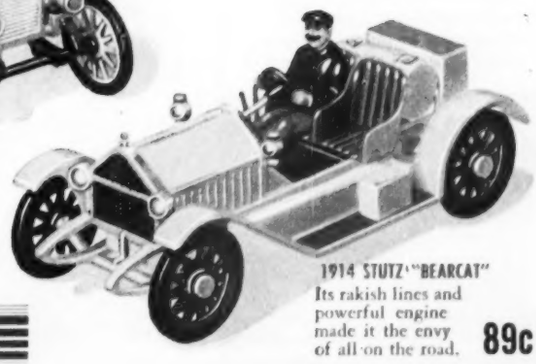
The exposed rear seat made it not too popular with back seat drivers. **89c**

1910 CADILLAC LIMOUSINE
Seen parked in front of many swank society gathering places. **89c**

All Parts Included

Each kit is complete . . . includes all the parts for one car, ready to assemble.



1914 STUTZ "BEARCAT"
Its rakish lines and powerful engine made it the envy of all on the road. **89c**

Not Illustrated

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1900 Packard Roadster	69c
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1903 Cadillac	69c

Illustrations are approximately ½ actual size. All models are in the scale of 3/8" equals 1 foot.

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F. W. WOOLWORTH CO.

Your linens are *snowy-white* and *sanitary*, too... when they're CLOROX-clean!

If you want your white and color-fast cottons and linens made snowy-white, color-bright . . . and sanitary, too . . . launder with Clorox—the extra-gentle bleach that is also the most efficient germ-killer of its kind!

There's no other bleach and household disinfectant quite like Clorox. It's free from caustic . . . made by an exclusive, patented formula. That means Clorox is extra gentle on linens, more efficient in killing germs! So, to conserve linens . . . to protect health . . . use Clorox every washday!

A Clorox-clean home means added health protection, too!

You provide added health protection by using Clorox in routine cleaning of bathroom and kitchen germ centers. And remember, Clorox is a safe disinfectant . . . a type recommended by public health authorities! Directions on the label.

Copr. 1953, Clorox Chemical Co.

When it's CLOROX-clean... it's SAFER for Family Health!

More use from the room you have

By Frances Taylor

Every inch of the alcove in the living room is used. Sofa bed is built in between two large storage-table units

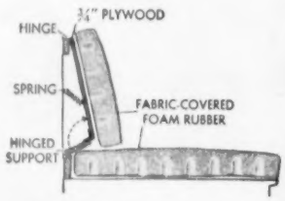
Photographs: de Gennaro

Plan right, and you can put a wasted alcove or corner in your home to work. In Houston, Texas, where summer heat makes air conditioning a near necessity, the Frank Freed home has an alcove created by ceiling housing for air-conditioning ducts. That living-room alcove also serves as breakfast room, den, and guest room.

A table adjustable in height is the key to this arrangement. You can change it from coffee- to dining-table height with a twist of a screw. Here's how the alcove works.

Kitchen is a continuation of living room. It can be closed off with a black-edged cane screen which follows pattern and color of the chairs.

Telephone is centrally located to save steps.



Bench of unit is covered with a foam-rubber mattress. The bolster pillows are also foam rubber.

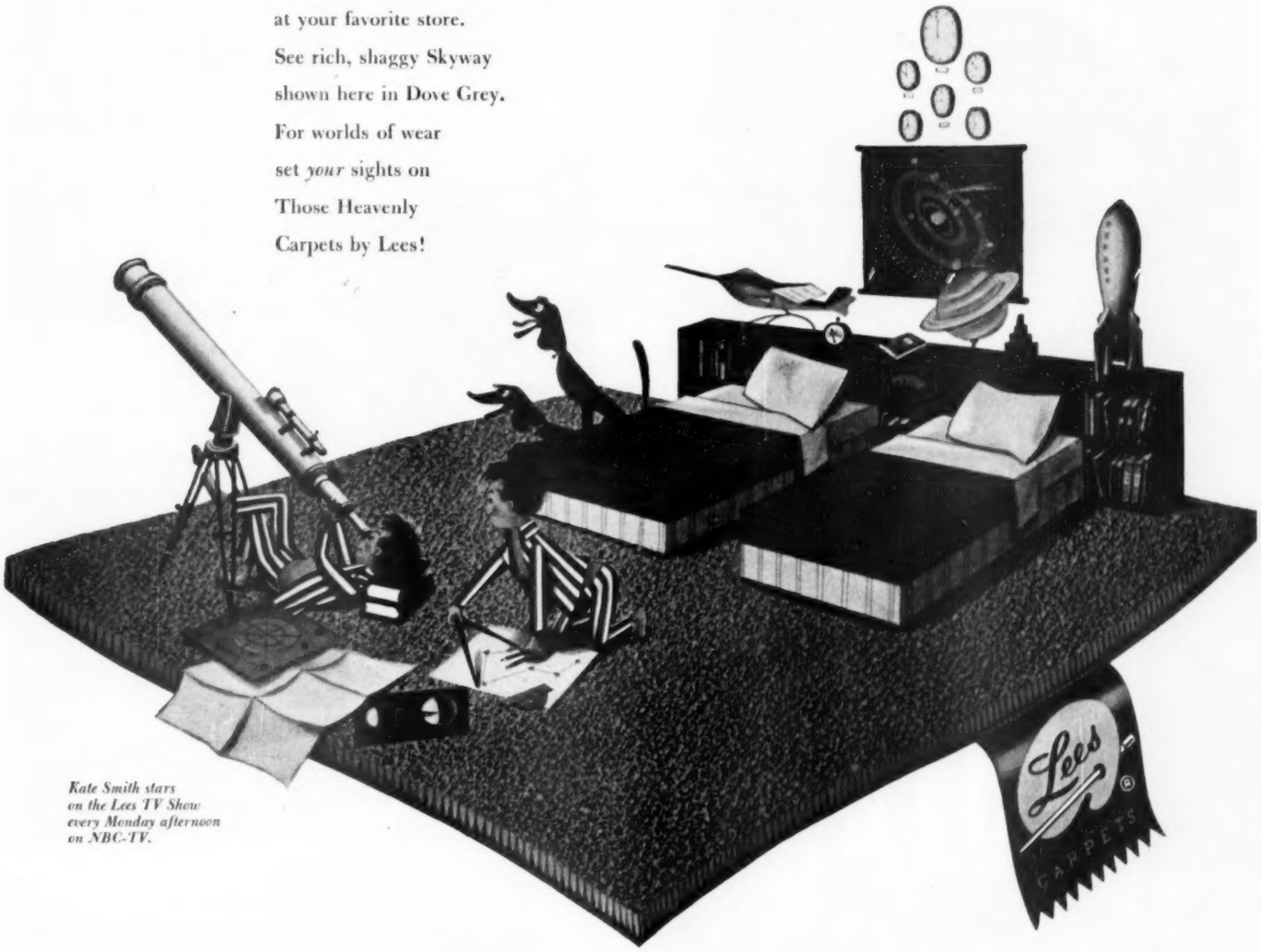
Bolsters are angled to make mattress about 28 inches deep—more comfortable for sitting.

Table is adjusted to breakfast-table height.

Notice the metal slides under table corners. They slide out and hold ashtrays and glasses when the table is used for card games.

... those heavenly carpets by LEES

There'll be stars
in your eyes
when you see the colors,
the heavenly textures,
the glowing patterns and
down-to-earth prices
of the latest Lees Carpets
at your favorite store.
See rich, shaggy Skyway
shown here in Dove Grey.
For worlds of wear
set *your* sights on
Those Heavenly
Carpets by Lees!



Kate Smith stars on the Lees TV Show every Monday afternoon on NBC-TV.

JAMES LEES AND SONS COMPANY, BRIDGEPORT, PA., MAKERS OF LEES CARPETS AND RUGS, COLUMBIA AND MINERVA HAND-KNITTING YARNS

"Promise you'll taste the nifty NEW RITZ!"

RICHER... CRISPER! More shortening is the secret of this finer, "buttery" flavor that beats all other crackers hollow! The crisp-as-possible crispness comes from a new, special baking process. And the flakier, melt-in-your-mouth tenderness hits a new high in goodness! Now don't miss out. NEW RITZ is really something! Just taste and see!

NATIONAL BISCUIT COMPANY

Remember... "NOTHING TASTES AS GOOD AS RITZ—BUT RITZ!"

HOW-TO

for the handyman

Integrater. After trying out many ideas, I'm sold on this way to patch holes in linoleum.

Using an old food grater, I shred a piece of linoleum that has been carefully saved since we put in our flooring.

I then mix these shreds with shellac and smooth the mixture on with a putty knife. Since the patch is identical in color, it's almost impossible to find where repair was made.

J. B. Douglas
Dallas, Texas

A glove affair. Old work gloves enable you to carry wood bits, chisels, and other sharp tools in your tool chest without dulling them.

Simply insert the sharp end of each tool in a finger of the glove, and you'll have a padded holder that can't be beat.

Moreover, you will have a pair of gloves when regular ones turn up missing.

Raymond Bried
Bridgeport, Connecticut

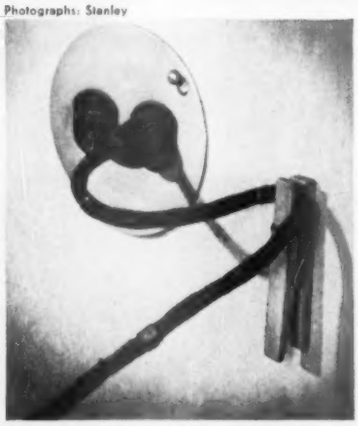
Twist 'em system. I often used to split thin wood by hammering small nails into it.

Recently, I hit upon the idea of twisting them into the wood with a hand drill.

You can't get the nails all the way in this way, so finish by a couple of very light taps with your hammer.

William Brendle
Baltimore, Maryland

Photographs: Stanley



Slackerjack. Electric cords on drills or soldering irons won't work loose after you mount a spring-type clothespin near the outlet as shown.

Since the grip is secure and there's plenty of slack between clothespin and outlet, you're spared the annoyance of a disconnected cord.

Henry H. Drake
Barre, Vermont

More on page 33

Another beautiful home of West Coast Woods...

Warm tones of Western Red Cedar paneling lend a comfortable feeling to this quiet study. Built-in bookcases of the same beautiful wood add a pleasing appearance.

This interesting modern home, combining low rambling lines with a lofty "open end" living room, shows another of the countless home styles possible with wood construction.

Besides appealing beauty and warm friendliness, a home of West Coast Woods offers other important advantages. The natural strength, durability and high insulating value of wood give you more for your building dollar. Add to this the adaptability of wood to your individual ideas of home plan and style and you'll readily see why wood has always been America's favorite home building material.

When you plan to build, be sure to ask your retail lumber dealer for West Coast Woods...Douglas Fir, West Coast Hemlock, Western Red Cedar and Sitka Spruce.

The economical building material from ever-growing forests

WEST COAST WOODS } Douglas Fir, West Coast Hemlock, Western Red Cedar, Sitka Spruce

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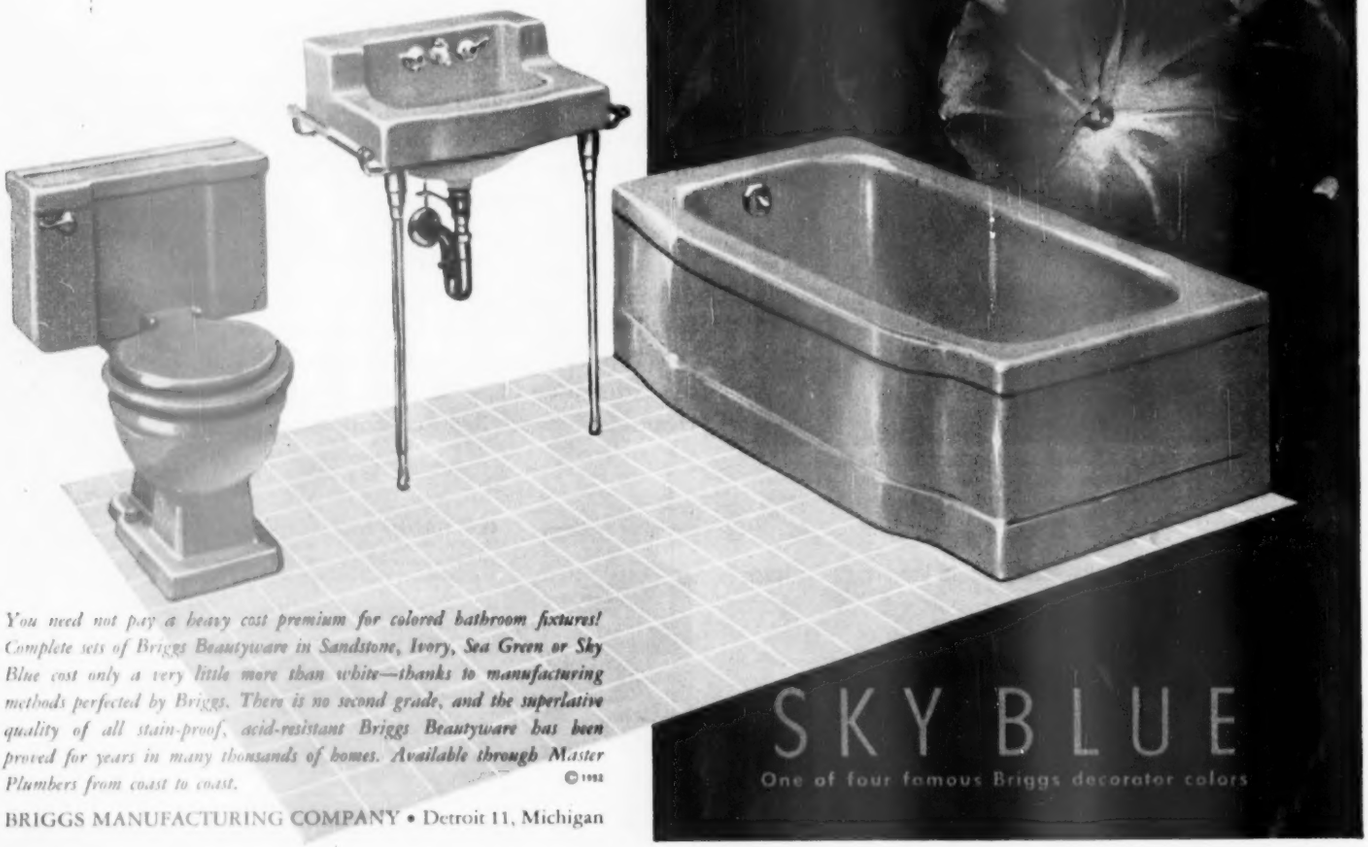
BRIGGS

BEAUTYWARE *in Color*

So out of this world . . .
So down to earth!

You see it at a glance! There's *distinction* in the glorious pastel beauty of newly redesigned Briggs Beautyware . . . charm and grace that can't be copied. And there's more! It's the way these modern colored plumbing fixtures are built. There is no finer quality anywhere. The lustrous surface keeps its sparkling newness year after year. Colors simply will not fade. The price? Far less than you'd expect!



You need not pay a heavy cost premium for colored bathroom fixtures! Complete sets of Briggs Beautyware in Sandstone, Ivory, Sea Green or Sky Blue cost only a very little more than white—thanks to manufacturing methods perfected by Briggs. There is no second grade, and the superlative quality of all stain-proof, acid-resistant Briggs Beautyware has been proved for years in many thousands of homes. Available through Master Plumbers from coast to coast. ©1952

BRIGGS MANUFACTURING COMPANY • Detroit 11, Michigan

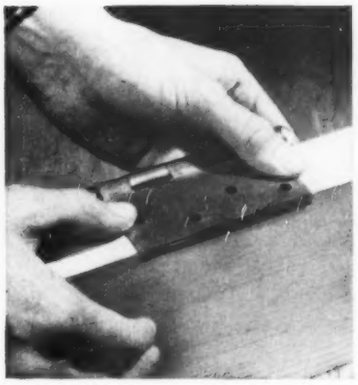
How-to for the handyman

Begins on page 30

Sandruff remover. Those costly belts on sanding machines are apt to lose effectiveness when they become clogged with resin, varnish, paint, or glue.

I renew my sanding belts in this easy way: Rinse lightly in lacquer thinner and then scrub clean with a stiff brush.

Henry Josephs
Gardenville, Pennsylvania



Mortise morsel. When applying hinges, I don't mortise both the door and frame.

I cut into the door *only*—making the one mortise deep enough to house the thickness of both my hinge straps.

This ends the problem of matching mortises. And with one strap mounted flush, it's a great deal easier to adjust the door to proper clearance.

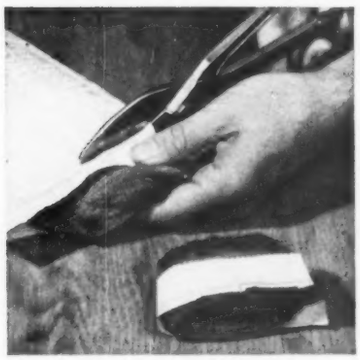
William C. Kogler
Albany, New York

Tighter miter. Glue a piece of fine sandpaper (or emery cloth) to the smooth face of your power saw's miter gauge.

Then by holding your work tightly against the gauge, the rough surface of the sandpaper will reduce chances of slippage as you saw.

It's another safety measure as well as an aid to accuracy.

J. L. Dingwall, Jr.
Owosso, Michigan



Shear woolpower. To cut steel wool, wrap in a single thickness of newspaper and go after it with tin shears.

The steel wool will cut as evenly as paper itself—and the wrapping keeps loose ends from tangling and snarling the shears as you cut.

W. R. Holden
Hastings, Ontario

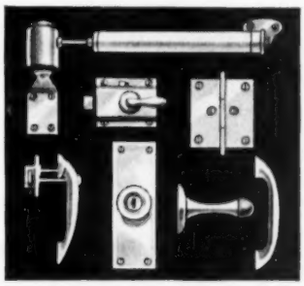
▶ Send us your original home-repair tips. For each accepted, *Better Homes & Gardens* will pay $5. All will be considered carefully, but we regret we cannot return those not accepted. Send to Home Maintenance Editor, 6702 Meredith Building, Des Moines 3, Iowa.

An advertisement of Reynolds Metals Company

BETTER HOME Product News

Next time you decorate, brush "Liquid Aluminum" on your inside walls for the undercoat. This coat of aluminum paint provides a barrier against moisture of warm inside air. Without it the moisture may condense on the back of siding in cold weather and be drawn out by the sun, causing paint to peel. Buildings with fill type insulation are often susceptible to this difficulty. Leading paint manufacturers make aluminum paint with Reynolds pure aluminum pigment. Look for the distinctive "Liquid Aluminum" label.

Don't let rusted-out gutters and downspouts give your home that drab, shabby look. Replace them with economical, long-lasting aluminum that won't rust, won't stain walls and won't ever need painting. Reynolds Lifetime Aluminum gutters and downspouts are light, strong and easy to install. Their initial cost is low and there's no maintenance to upset your household budget. See your building supply dealer or contractor or write to Reynolds Metals Co., Building Products Div., Louisville 1, Kentucky.



Aluminum hardware completes the modern metal theme in new home construction and in modernizing older homes. Like aluminum windows, the natural color of aluminum hardware harmonizes perfectly with all decorative trim. Its mellow attractiveness is permanent because aluminum hardware doesn't rust or corrode. Aluminum closers, knobs, hinges, strike plates and other types of household hardware are available. Your builder or hardware dealer will be glad to help you select aluminum hardware for your home.

Weatherproof your attic in just a few hours with Reynolds Aluminum Reflective Insulation—the easy, low cost way to hold heat in and cut your fuel bills this winter. Reynolds Aluminum Reflective Insulation actually reflects up to 95% of radiant heat. It is wind-proof, vapor-proof, vermin-proof, clean and odorless. Perfect for attics, under floors in old homes as well as for sidewalls in new construction. See your dealer or write Reynolds Metals Company, Building Products Division, Louisville 1, Kentucky.

Party planning is far more fun when you use Reynolds Wrap to save you that "last minute" hurry-scurry. For instance, you can mix batters and doughs for cakes, cookies and biscuits a day or two *before* you entertain. Just cover with Reynolds Wrap and store in your refrigerator—they'll stay moist and light up to 48 hours. Your baked goods, too, will *stay* fresh and light if wrapped in Reynolds Wrap, the original pure aluminum household foil. Reheat right in the Reynolds Wrap in a medium hot oven.

...relax in Canada

Travel and play in "picture country" in this land of ***VACATIONS UNLIMITED***

IT'S ONE THRILL after another as you explore scenic coasts, lovely lakelands, the green expanses of great National Parks . . . all the endless variety of the holiday domain that begins at the border. Here, too, are friendly cities . . . treasure-filled shops . . . charming resorts . . . provinces rich in the romance of history.

YOU'LL LIKE the easy informality of Canada's resorts and summer colonies, the interesting people you meet, the welcome that awaits you.

YOU'LL SAIL and swim and ride and golf—forget routine in an enchanted outdoors world. See your travel or transportation agent soon; mail the coupon now.

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Department of Resources and Development, Ottawa, Canada

Please send your 48-page, full-colour book on vacation attractions in all parts of Canada.

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(PLEASE PRINT)

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How to plant your roses

Insure your satisfaction later by giving your roses the right start. Each of these steps is important

Open your package of roses as soon as it comes and examine the packing about the roots. If not noticeably damp, moisten it. Roll wrapping tightly about roots again. Keep bundle in a cool place out of wind and sun until you have everything ready for planting them

If soil where roses are to go cannot be made ready for several days, plant temporarily in the way long known as "heeling-in." Open a shallow trench. Throw soil all to one side. Cup open package of roses and lean tops against loose soil. Place the roots in trench and cover

Choose permanent spot for roses where natural drainage is good. Roses need sun for full half of each day. Clay-loam is good soil for roses but even stiff clay will do if it is well pulverized and opened up by adding ¼ to ½ as much peat or compost to soil dug from hole

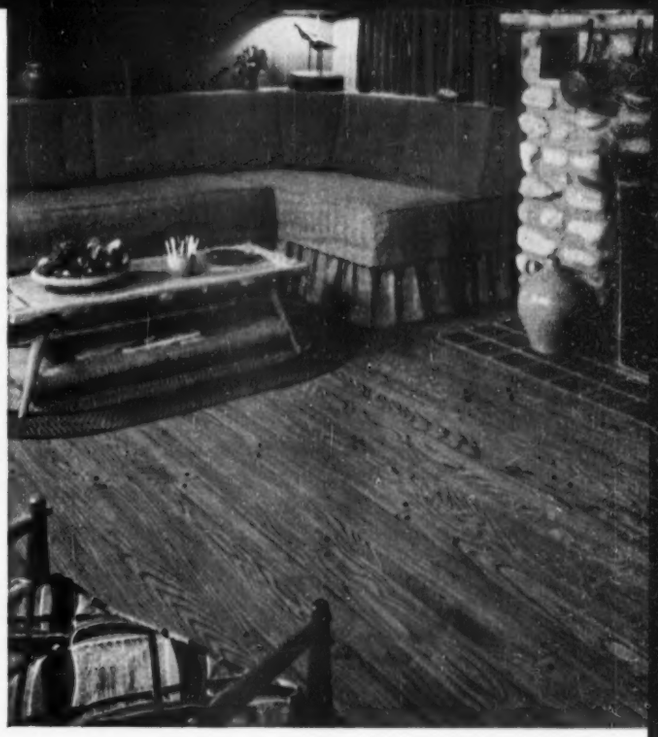
Dig hole about 20 inches across and a good foot deep. Rose roots spread widely in fields, stiffen in vertical position when wrapped. Form cone of soil in bottom of hole. Pat to firm. Rest center of roots on cone and spread them again as widely and naturally as possible

Photographs: Stanley

Lay handle of hoe or other straight edge across hole to mark level of bed. After spreading roots, cover them with fine soil and pull up on bush until knobby offset is one inch below level of surrounding soil

More details on page 37

BRUCE HARDWOOD FLOORS



NATURALLY BEAUTIFUL

...and yours for a lifetime

In floor beauty, you'll find there just isn't any substitute for the artistry of nature.

These photographs can only suggest to you the warm, mellow coloring and delightful grain pattern of Bruce Hardwood Floors. Best of all, this natural beauty neither fades nor wears away—it will last the life of your home.

To have the loveliest floors in town, choose Ranch Plank Floor (above) with random widths and walnut pegs ...or a modern parquetry floor of Bruce Blocks (below)... or the popular Bruce Strip Floor (not pictured). All three are genuine, solid oak with a superb factory-applied finish.

Your architect, builder or lumber dealer knows all about Bruce Hardwood Floors. For color literature, write:

BRUCE

E. L. BRUCE CO., 1638 THOMAS ST., MEMPHIS 1, TENN.
Also makers of Bruce Floor Cleaners and Waxes

No fumes! No wait for drying!

Winter is the ideal time to paint with SPRED SATIN

QUALITY Glidden PRODUCTS

WINDOWS CAN BE CLOSED Paint in comfort on coldest days without drafts, irritating odors or fumes.

DRIES FAST—In 20 minutes SPRED SATIN is dry to touch. Hang pictures right away. Use room without delay.

PAINT AS YOU LIKE, faster, easier, effortlessly. Start or stop any place. Laps or brushmarks won't show.

LESS POROUS—Its watertight latex film resists dirt and grime. Colors stay brighter, cleaner months longer.

SCRUBBABLE—Over 40,000 scrubbing strokes couldn't mar the film. SPRED SATIN is guaranteed washable.

SPOT-WASH light switch areas, doors and walls. Soap and water removes finger marks, grease, dirt.

STANDS HARD ABUSE—Blows which mark ordinary paint do not damage the chip-proof film of SPRED SATIN.

BRUSH OR ROLLER can be cleaned with soap and water. And paint spatters wipe up easily with damp cloth.

Glidden

Pacemaker in Paints

Send for exciting Color Book "COLORS FOR YOUR HOME."
Discover how easily you can have the newest color schemes planned around your present floor coverings. Hundreds of decorating ideas . . . 24-pages of full-color illustrations . . . and a world of information on color planning. Send 20 cents in coin today to: The Glidden Company, Department BHG-253, Cleveland 2, Ohio. In Canada: The Glidden Company Limited, Toronto.

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How to plant your roses

Begins on page 34

Place nothing but plain topsoil, finely worked, immediately over and around the roots. Clip any broken root ends. If any plant has an extra-long root, dig a special pocket for it, or curve it slightly to fit hole without permitting tip of the root to rise. Press firmly in position

A dusting of granular plant food can be spread as soon as roots are covered. Or you can mix plant food with soil taken from hole. Or use plant food in solution at time hole is filled and watered. Use approximately ½ cup of balanced plant food at this time for each new bush

Plenty of water is most important part of a good planting job. After you have filled hole almost to level of bed, flood it. Jostle bush gently as water sinks so that soil will be carried in and be sucked in snugly about all roots and fill all small cavities. Readjust level if plant sinks

For final details, see page 221

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STEAM or HOT WATER HEAT

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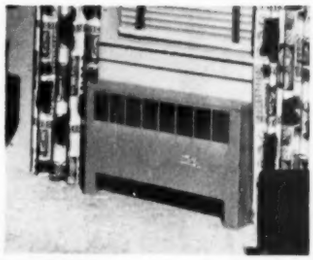
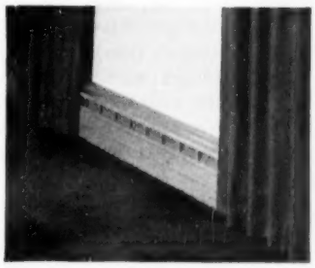


BASEBOARD and CONVECTOR-RADIATORS



* It is as important to plan your heating system as it is to plan your home. Fedders Baseboard and Convector-Radiators are making warm friends for Mr. and Mrs. and Grandpa and Grandma America everywhere.

Hot water heating costs no more when you use Fedders Convector and Baseboard Radiators. Enjoy uniform floor-to-ceiling temperatures . . . low cost installation for new homes or remodeling . . . quick response to modern controls. *Send coupon for helpful information.*

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REHABILITATION is more than a state of mind; it is a man living up to the limit of his capabilities. A car equipped with hand controls and a telephone helps make that possible for salesman Dick Bolich, but it took much more to conquer paraplegia

Photograph: Bayne

What you can do about

Modern medicine's newest problem

By James M. Linton

There are more people pushing wheelchairs, or limping, or walking with crutches or canes or artificial limbs than ever before in history.

Look around you. You'll have no trouble recalling relatives or friends with physical disabilities. There are those who have suffered strokes, or rheumatic heart disease, those who have been hit by arthritis, multiple sclerosis, or polio, and those who have suffered paralysis or amputation as the result of accidents. These people were not born with their disabilities; they have acquired them. And there are going to be a lot more. The simple truth of the matter is that *modern medicine has created a new problem: chronic disease and disability.*

People who used to die now live. In 50 years, man's life span has been increased 18 years. At the turn of the century the average length of life was 49; today it's 67. The increase has resulted from the development of new drugs and medical discoveries that have reduced the number of fatal diseases.

That means that a disabled person also has more years ahead of him. All the handicapped are not "old chronics." Every year 250,000 persons are disabled by industrial and auto accidents alone. Not included in this are polio, spinal meningitis, crippling diseases, or amputation—which make it 800,000 a year. Among the handicapped are thousands of teen-agers, men and women in their twenties and thirties, people your own age. Those who were hit in the prime of life and have 25 or 30 years of life before them.

For example, if you're in your thirties, the father of four children, buying your own home, and doing nicely on your job, you won't have any trouble putting yourself in Dick Bolich's place. Dick, who's a plywood salesman, lives in Grand Rapids, Michigan. Like Dick, you could have been driving home that night along a road you'd traveled more times than you can count. You're tired and hungry and you know that your wife has a good dinner waiting, but you keep the speed down because you don't believe in taking chances. You're thinking about the calls you made during the day. Then suddenly the wheel is wrenched from your hands and your car goes berserk. You're helpless as you feel the side of the car caving in on you. You black out.

When you regain consciousness, you're in a hospital and you know you're badly hurt. But it's weeks before you realize that your spinal cord has been completely severed; that it will never grow together again. That's why you can feel nothing when they touch your legs; that's why your legs won't move. They call you a *paraplegic*. If the injury to your spine had been higher, you would have been a quadriplegic (paralyzed in both arms and both legs). You're lucky; at least you'll have your arms.

You had always thought that paraplegia was something that happened only to veterans of the last war. There were 2,500 paraplegic veterans, but there [*Turn to page 40*

Old Man Winter won't get a foot in this door!

Like Dad and the kids you probably agree that winter weather is fine —in small doses. The laughter, the snow, the rosy cheeks, are all great, but when the family comes in you want to shut Old Man Winter out, completely and permanently. And you can do just that with a modern combination screen and storm door of steel.

These sturdy steel doors won't warp, sag or rot . . . they resist fire and rust. Along with steel combination screen and storm windows, they form a team that foils winter's worst weather, yet can be switched to summertime screen comfort in a jiffy.

Best of all, they are economical to buy and inexpensive to maintain —for steel is a material that endures, that stands up under all kinds of weather, that protects the value it adds.

For positive protection—make steel *your* standard—and save.

WEIRTON STEEL COMPANY WEIRTON, WEST VIRGINIA

NATIONAL STEEL CORPORATION

45 ways to enrich your home with *Ponderosa Pine* decorator doors

Here's a booklet that shows you how to make your home more colorful—more distinctive—with decorator doors of Ponderosa Pine. In 24 full-color pages "Latest Color Style News" illustrates 45 ways to decorate these satin-smooth panel doors with paint, stains, cut-outs and decals for fresh, rare beauty.

You'll learn how to make your home color schemes *complete*—how doors can style the mood of a room—how to have an *authentic* ranch house with Ponderosa Pine 3-panel "Rancho" doors—how and where to use louver doors, mirror doors, dutch doors.

Send now for this inspiring book

"Latest Color Style News" will open a whole new world of color for you—show you fascinating ways to decorate Ponderosa Pine panel doors to suit your individual taste. For a wonderful creative experience, mail the coupon now!

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Please send me your big, beautifully illustrated decorator door book on paneled doors of Ponderosa Pine! I enclose 25 cents.

Name.....

Address.....

City.....*Zone*....*State*.....

Modern medicine's newest problem

Begins on page 38

were 15,000 civilian cases during the same period.

And now you're one of them. It dawns on you that *there's nothing they can do for you.* This takes months to sink in, but you've got plenty of time to think in the long hours of the night. If you grow tired of that, you can think about your family and how a paraplegic might support them; you can think about the future. Or you can recall how you used to have the crippled and the blind and the insane and the aged all neatly packaged in your total view of things. They were those *different* people who were cast ashore, washed up by the main stream of life. You never had given them much thought, but looking back at it now it seems that you regarded them as something like a cross between a child and a devoted pet. They had your sympathy and affection.

Now it is as if you had been reborn, and you hate your new status because you realize that you are not a child or a "cripple"; you are still a businessman with as much on the ball as the next guy. The only thing different about you is that *your legs won't work.* And because you no longer feel shocked at the sight of the lifeless limbs of your fellow patients, you begin to wonder if it is just because you wear the same caste mark. When you were an able-bodied person, were you really honest with yourself when you saw deformity? When you thought, "*Nothing so terrible has happened to me, thank God!*" Or was your sympathy just a pleasant compensation for more complex feelings of fear and revulsion? You'll never know; you can never go back. You are now "the handicapped," and you can only hope that others will see it the way you see it now.

You are confused; you're every bit the man you were, yet you have a lot of trouble with your body. It is a struggle; they have a word for it—"adjustment," or "acceptance." So you learn to live from day to day. The doctors have done all they can for you, and you are grateful. Back home, you are "the cheerful shut-in." It is only a mask you wear, and you know you can't play the part indefinitely.

That's the way it is if you are a man. If you're a woman, a housewife, the mother of a family, to your mental anguish is added the humiliation of losing your physical attractiveness, of being unable to maintain your home and care for your children, and there is the pity you feel for your husband that he had to be saddled with *this.* (There are 5 million homemakers in the United States who've been disabled by accident or disease.)

Your close friends don't have any trouble seeing that your mind is as good as ever, but there's this baffling problem of how you're to manage your old job when you are dead from the waist down. You find them coming up with clever ideas, like running a business from your home by telephone. They mean well, but that's not what you want to do; you want to get out and *sell;* call on your old customers and make new ones. That's what you know and do best. There must be a way, but you're stymied.

Then one day your doctor calls you to tell you that he knows of a place where they might be able to do something for you. He tells you about Dr. Howard A. Rusk and the New York University Institute of Physical Medicine and Rehabilitation. He cautions you not to get your hopes too high because the Institute is small—65 beds for adults, 20 for children—and there is a long waiting list. But you'll wait for years and travel to Timbuktu if there's even a *chance* that someone can make you a little more independent.

From the day they roll you into the modern, four-story building overlooking New York's East River, you realize that this place is like no hospital you've been in before. They assign you to a pleasant, four-bed ward. But all the beds are empty. Everyone is in "class." You're the new boy at school. You're given a complete examination; they check over your muscles one by one; they're expert at estimating the amount and kind of work needed to put you back in working order. They're very particular about determining what you *can* do; they check your range of motion, the sensation in your paralyzed legs, and they ask you point blank what you'd like to be able to do. They don't quash your hopes, but neither do they promise any miracles. They just say: "You've got a lot more than you lost. We're going to see what we can do with what you have left."

That kind of talk makes sense; you're awfully grateful to them for that. Your nervousness leaves you and you catch some of their quiet confidence. You feel it in the attitude of the staff and in the way the patients talk. You're not there long before you learn that no one leaves the Insitute without having shown some kind of improvement. You hear about patients who were carried in and walked out under their own power. They walked on braces and crutches, but they *walked*—after spending years in bed or a wheelchair. And while you're not counting on that for yourself, you're going to give it everything you've got. A week later you find it takes all that and more to drag yourself through a full schedule of classes.

A few days after you arrive, your case is presented at the semiweekly

[*Turn to page 190*

The Beautiful Chrysler New Yorker Club Coupe

The Brilliant Chrysler New Yorker Deluxe Newport

The Stunning Chrysler Windsor Deluxe Convertible

AMERICA'S **FIRST FAMILY** OF FINE CARS*

...offers you driving benefits available nowhere else!

You'll see exciting new beauty and glamor here . . . in the safest, best-controlled cars on the road today!

You'll find the only new-type engine in a generation, outperforming all others regardless of horsepower claims . . . the matchless safety of Power Brakes and the only *full-time* Power Steering . . . plus the smoothest ride of any car in America!

You'll be welcome at your Chrysler-Plymouth dealer's — for the most convincing proof of all — the car's own demonstration of its superior ability and value.

CHRYSLER for '53

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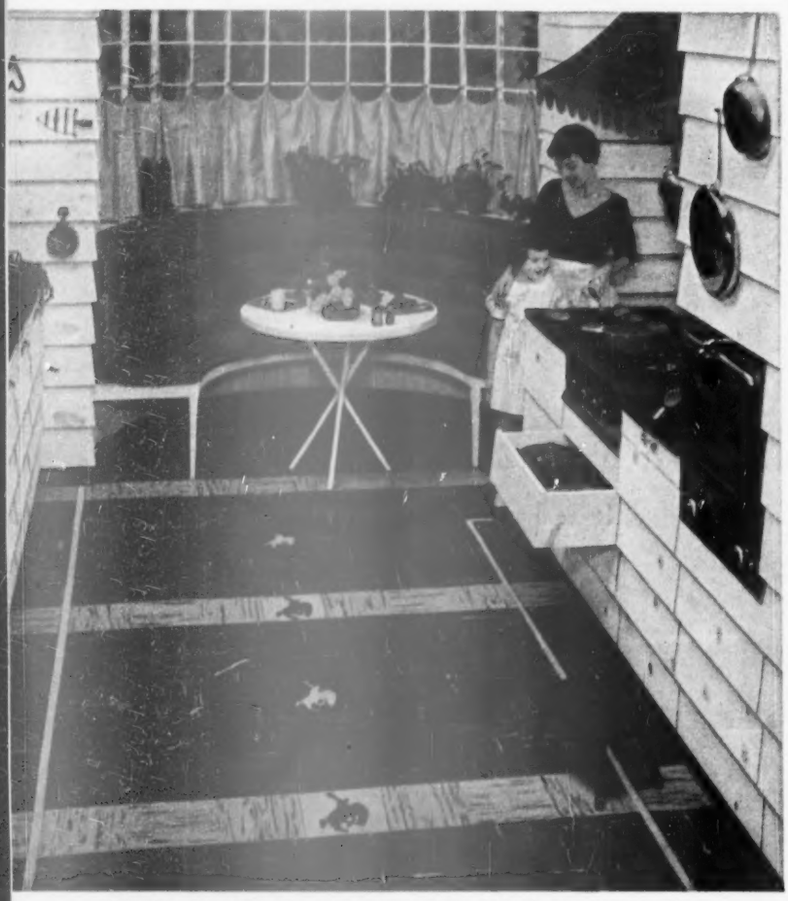
Save Money!

You can install a beautiful KENTILE FLOOR like this for only $22.90*

A KENTILE FLOOR LIKE THIS COSTS $8 TO $20 LESS THAN TILE FLOORS OF MANY OTHER MATERIALS . . . YET KENTILE IS GUARANTEED!



Kentile Colors Shown, Genoa Green and Gardenia with Yellow Feature Strip and Bronco ThemeTile.

Compare for price . . . for beauty . . . for easy cleaning and long wear . . . and you'll choose Kentile. The 25 lovely, "new-as-tomorrow" colors transform any room. Scuffing, chair scraping—the hardest kind of use—can't dull this floor. Colors go right through the material which is all tough, durable tile. Just mop and wax Kentile occasionally—you'll see it sparkle like new. Because Kentile gives more value, it's preferred by more people than any other resilient tile.

Only KENTILE DEALERS have these money-saving buys in GUARANTEED FLOORS

*Price quoted is for a floor approximately 7' x 14' installed by you. Your Kentile Floor may cost less or slightly more depending on size, colors and freight rates. See your local Kentile Dealer for FREE estimate. He's listed in your classified directory under FLOORS. In Canada, T. Eaton Co., Ltd.

KENTILE, INC., 58 2nd Ave., Dept. B-2, Brooklyn 15, N. Y.

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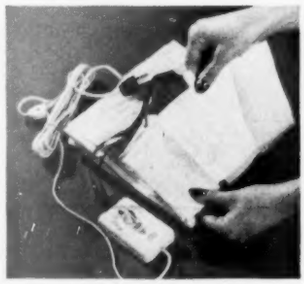
The Asphalt Tile of Enduring Beauty

It's NEWS to me!®

Paint remover uses radiant heat to soften and blister paint so it can be scraped off with a putty knife. The 115-volt Calrod heater is mounted between two skids which slide along the surface and hold the heating element the right distance from the paint. Two metal reflectors keep the plastic handle cool. *G-E Paint Remover*, about $14.95, at Sherwin-Williams Paint Stores. General Electric Co., Schenectady 5, N.Y.

Bed warmer radiates relaxing, sleep-inducing warmth, keeps the sheets and blankets always soft and dry. Warmer covers the lower half of the bed and is attached directly to the mattress. Use it in the summer when you sleep under just a light cover. Thermostat will turn on electric sheet warmer if room cools suddenly. White muslin, 36"x54" (fits either single or double bed). *Electro-Warmth*, $24.95, in stores, or ppd. from manufacturer. Patented Products Corp., Danville, Ohio.



Eyepiece on the front door gives you a "pre-view" of anyone on the outside. Small plastic sighter will fit in any door up to 2 inches thick. Shatterproof lens gives magnified, wide-angle vision. One-way viewer is inconspicuous when installed in the door. *Door Viewer*, $3.95, in stores. Sales Associates, 11 Hill St., Newark, N. J.

Chicken fryer has a high-dome, flat-top cover with a pair of Bakelite handles, so designed that the cover can be used as a serving casserole. Copper-bottom, stainless-steel utensil with straight-sided lid has the capacity of a 12" fryer. Extra rack has 6 removable cups for poaching eggs, and the rack without the cups can be used for warming or sterilizing baby bottles. *Chicken Fryer*, $9.95; *Egg Rack*, $2.98; in stores. Ekco Products Co., 1949 N. Cicero Ave., Chicago 39, Ill.

Windshield cover keeps ice from forming on glass when car is parked. Protector can be put on in a few seconds, is held in place by car doors. Polyethylene cover withstands low temperatures without becoming brittle and does not stick to the windshield. *Cenco Plastic No-Frost Windshield Protector*, $1, in stores. Central States Paper & Bag Co., St. Louis 15, Mo.

More news on page 45

No, no – don't
throw it away
S.O.S
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Magic
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for S.O.S.
It easily removes all
trace of stain, scorch
and burned-on food.
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YES—
S.O.S shines
pots and pans
like magic!
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They wake up daily to nature's new show

Through these big windows, the people who live here enjoy a new show each season, staged by nature. Today, sunlight on crisp, clean snow. Flowers in spring. The dancing patterns of sun and shade in summer. Then the glorious colors of autumn. The windows add so much zest to living.

They add comfort, too, because they are *Thermopane** insulating glass. It keeps the room warmer, less drafty. And these windows don't need storm sash because *Thermopane* makes them self-insulating. With *Thermopane* you never face the job of fitting, hanging, washing and storing storm sash.

Thermopane saves fuel and cuts down steaming and frost on glass in cold weather. In summer, its insulation helps keep rooms cooler. It's wonderful to have it in every window of the house. Whether you plan to build or remodel, you'll find helpful information in our booklet "Self-insulating Windows of *Thermopane*". Write to Libbey • Owens • Ford Glass Company, 623 Nicholas Building, Toledo 3, Ohio.

Every window in this Cincinnati home has *Thermopane* insulating glass. It is used in ventilating sash, picture windows and window walls.

Look for the name THERMOPANE on the seal between the panes

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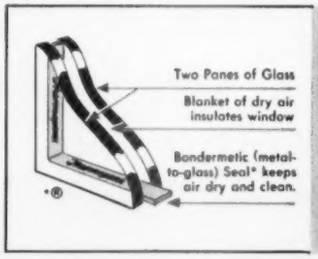
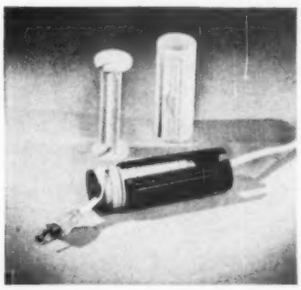


Thermopane makes windows self-insulating. It is installed in the windows when the house is built. It is ideal for picture windows, window walls and windows that open and close.

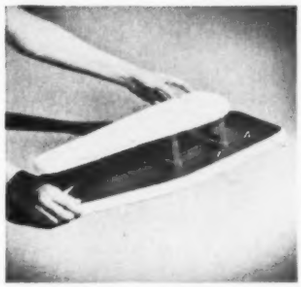
It's NEWS to me!

Begins on page 42

Shower panels are made of transparent Plexiglas in sparkling pastel colors. Panels travel on an overhead rod and in tracks cemented to the rim of the tub. Fluted panels are available in pink, gold, or clear, to harmonize with bathroom color schemes. *Cascade Bath Enclosure*, about $79.50 to fit a 5-foot recessed tub, from plumbing dealers. Fiat Metal Mfg. Co., Franklin Park, Ill.



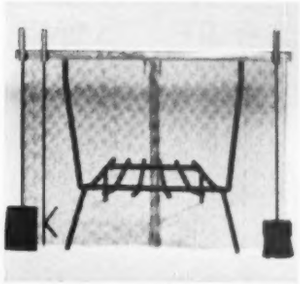
Electric cord is safely out of the way and out of sight when you take up the slack in a storage cylinder. Blonde or dark plastic case can be used anywhere on the electric line to coil cord neatly and keep it off the floor. *Sla-K-Ord*, 59c each, in stores, or ppd. from manufacturer. Sla-K-Ord Co., 2256 Sullivant Ave., Columbus 4, Ohio.



Collapsible small ironing board is metal, with foam-rubber padding and slip-on covers. Convenient for traveling, folds down into compact size. Use it at home as a sleeve board and small ironing board. *Atlas Dual-Purpose Board*, $3.98, in stores. H. V. Keller Mfg. Co., 501 Huron St., S. E., Minneapolis 14, Minn.

Delayed-action switch automatically turns off car lights a few minutes after you've locked up the car and left. Good nighttime insurance for those parking on dark side streets or in unlit garages. Switch can be installed on instrument panel or fastened to its lower edge. *Kar-Lite*, $5.95, at automotive supply stores. M. H. Rhodes, Inc., Hartford, Conn.

Regulator valve in feeding-bottle nipple controls the flow of milk so the baby swallows less air. Stainless-steel disc fits in the base of nipple. When Baby sucks milk into nipple, valve closes. Milk can't return to the bottle. When milk is taken, valve opens and allows nipple to fill again with air-free milk. *Nursmatic Insta-Valve Bottle*, 79c, in stores. Nursmatic Corp., 400 W. Madison St., Chicago 6, Ill.



Screen and grate are a single unit that sits inside the fireplace. No need to drill holes to hang the screen; it is suspended on the vertical arms of the black iron grate which extends back into the fireplace to hold logs. Fireplace tools hang on the brass bar in front of the black wire-mesh screen. (Also available in brass.) Screen is 32" high and 42" wide to fit fireplaces from 27" to 42" wide. *Grate Screen Unit*, $49.95, in stores. Fred Meyer of California, 1458 San Bruno Ave., San Francisco 10, Calif.

More news on next page

Doris Day says..."Stereo-Realist

is my favorite camera. The colorful, three-dimensional pictures it takes are so realistic you have to see them to believe it."

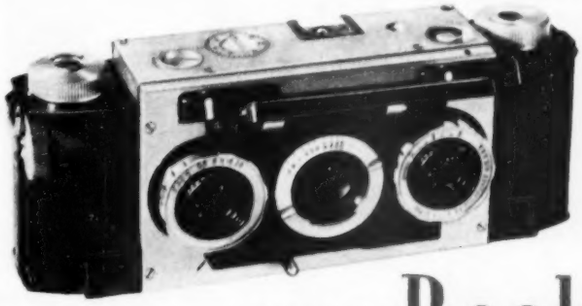
DORIS DAY, co-starring in "APRIL IN PARIS," a Warner Bros. Production. Color by Technicolor.

People who know picture making prefer STEREO Realist

(the camera that puts 3rd dimension on film)

Stereo-REALIST is the favorite camera of everyone who has always wanted true-to-life pictures. REALIST slides exactly duplicate the original scene in full, natural color and life-like depth. What's more, the REALIST is amazingly simple to operate.

If you haven't discovered the excitement of REALIST pictures, ask your camera dealer to show you some. Once you do, you'll agree that the REALIST is the ideal camera for your personal pleasure . . . and to use as a sales tool in your business. DAVID WHITE COMPANY, 304 W. Court Street, Milwaukee 12, Wisconsin.



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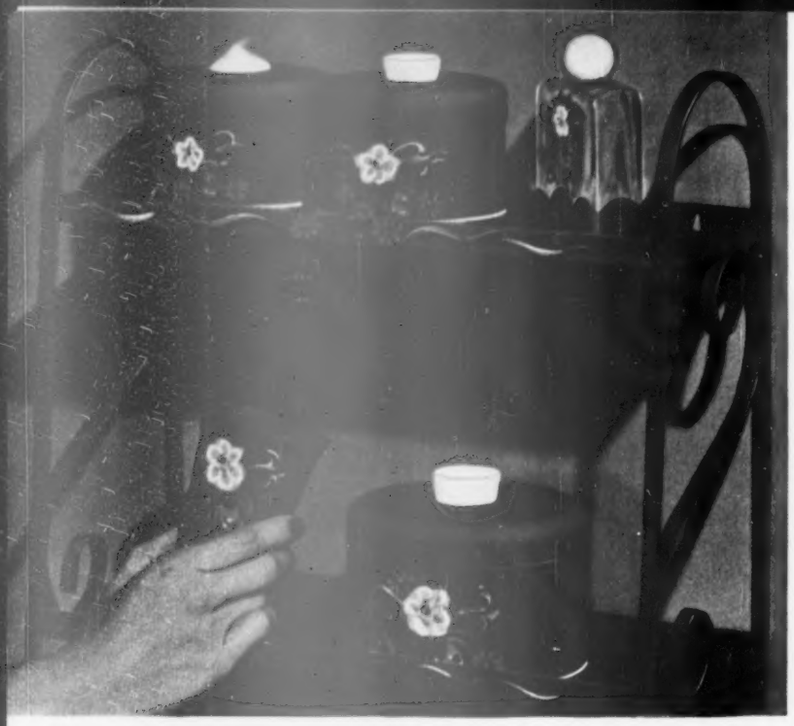
Cameras, Viewers, Projectors and Accessories are products of the David White Company, Milwaukee 12, Wisconsin.



NOTHING TAKES THE PLACE OF COLOR!

Redecorate with that Ransburg touch!

Bet you never knew what all you could do with colorful Ransburg hand-painted accessories!

Here's the way to make your powder or bathroom gay with lively, lovely "Bath Bouquet." Choose burgundy, bonewhite, yellow, blue, black or pink. Start with a round hamper or roomy wastebasket. Match up paper holder, brush holder, tissue box and tumbler. They all tie in together with that Ransburg touch!

Then all of a sudden—or gradually—you can transform your kitchen, give it a new lease on life with Ransburg "Kitchen Bouquet." Here are 23 matched pieces, from breadbox to matchbox, canister set to cakebox, wastebasket to step-on can. You can get the whole ensemble—or start with the 4-piece canister set (for about $5.00) and add more whenever you like. "Kitchen Bouquet" is permanently available in five favorite colors.

That Ransburg touch is originality—plus permanency. Each is an Original because it's delicately, delightfully free-hand painted. The design is always available—like fine silverware, you can pick up any other piece at any time. Each is lasting—both pattern and background are refrigerator-type enamel, baked on for a slick, shining finish so easy to keep clean.

Every piece is free-hand painted

RANSBURG *Originals* HAND PAINTED

Start in today with "Kitchen Bouquet," in ebony, red, white, yellow or gray. Write for the names of stores near you featuring "Kitchen Bouquet" pantryware, "Bath Bouquet" accessories, and wonderful Ransburg Original Cookie Jars, too. Harper J. Ransburg Co., Inc., Barth and Sanders Sts., Indianapolis 7, Indiana. Also available in Canada.

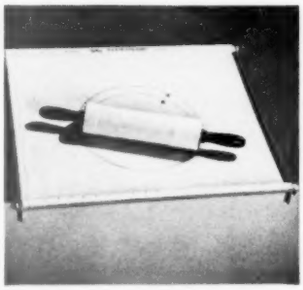
It's NEWS to me!

Continued from preceding page

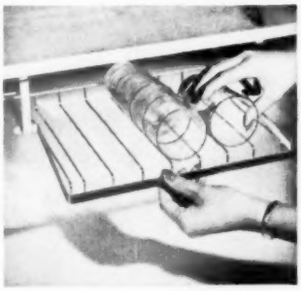
Giant play blocks designed so that youngsters can have at home this inexpensive version of nursery-school hollow blocks. Blocks are 12"x6"x4", of heavy carton stock reinforced to hold 200 pounds. They can be formed into block forts, trains, airplanes. Set of one dozen *Block Busters* (packed flat), $5.98, in stores. Brrr, Inc., Hasbrouck Heights, N. J.

Battery caps prolong the life of your battery by cutting down water evaporation, reducing corrosion, warning of overcharge. *Hydrocaps* replace regular battery caps. They contain a catalyst that converts escaping hydrogen and oxygen gases into water. Corrosive acid fumes are washed back into the battery, keeping up battery acidity and protecting cables and terminals from corrosion. The caps warn of overcharge when they turn hot to the touch. *Hydrocaps*, $2.85 set of three, at filling stations and auto accessory stores; or ppd. from manufacturer. (Give make of battery.) Industrial Research, Inc., 4016 N.W. 29th St., Miami 42, Fla.

Telephone, directory, pad, and pencil all go on one compact stand that's readily moved around and pulled up to your easy chair. Handle makes it easy to carry around. Vertical rack holds even the largest telephone directory. Tray for pad and pencil slides out from under the telephone. Finish is limed oak with black metal, or mahogany, with brass trim. *Chatter Box*, about $11, in stores. Butler Specialty Co., 8200 S. Chicago Ave., Chicago 17, Ill.



Pastry cloth stays flat, smooth, is held firmly in place with a wooden and steel frame. Dough won't stick to the cloth. Pastry cloth is marked with 8" and 9" circles for rolling piecrust to the right size quickly. An 18" rule is stamped on the cloth for measuring rolls and breads. Pastry cloth is packed in a protective plastic bag. A pastrymaking lesson is included. *Foley Pastryframe*, $1.98, in stores. Foley Mfg. Co., 3300 Fifth St. N.E., Minneapolis 18, Minn.



Glass rack attaches to underside of cupboard shelf, using space normally unoccupied. Rack slides in and out on tracks which are attached with four screws. Holds up to 16 glasses, depending on their size. *Serva-Glass*, $2.95, in stores. Kitch'n-Handy Products, Tacoma 2, Wash.

Fragrant plastic now smells as pretty as it looks. Shower curtains and matching window set are scented in delicate flower fragrances. Available in a range of 10 decorator colors in a lightweight opaque plastic or translucent plastic. *Scented Shower Curtain*, $1.98; *Shower and Window Curtain Set*, $3.98; in stores. Plastron Inc., 419 Fourth Ave., New York 16, N.Y.

Lighten housework, brighten your home

with this new Pre-Polished Flooring

Never needs waxing!

Goodyear VINYL•TILE comes in 24 handsome colors—both in tile and by the yard—making possible many decorative arrangements and patterns to fit the mood of any room in the home. Colors shown are: Grenada Gray with Black—5511 (tile) and Baltic Blue—5110 (yard).

THINK of the beauty it adds, the comfort it gives—the time and trouble it saves!

Goodyear VINYL•TILE is the new flooring discovery that never, *never* needs waxing. That's because it's *all* vinyl, pre-burnished at the factory to a lifetime luster that actually continues to polish with use. It requires only the occasional attention of a sudsy mop to keep it sparkling smart and first-day fresh.

What's more, you have a choice of 24 sun-drenched colors to meet the most exacting decor—a new flooring marvel that *quickly takes on room temperatures* for underfoot warmth, that is less slippery than conventional flooring.

The hours it will save you will make you thank your lucky stars for the day you discovered the carefree flooring that never needs waxing! New Goodyear VINYL•TILE—comes both in tile or by the yard at better flooring dealers' everywhere.

SEND FOR THE FREE VINYL•TILE "DECORATOR'S BOOKLET" which shows stunning decorator schemes for any room in the house, plus complete color chart and facts about "The World's Most Beautiful Flooring." Write: Goodyear, Flooring Department 1-B, Akron 16, Ohio.

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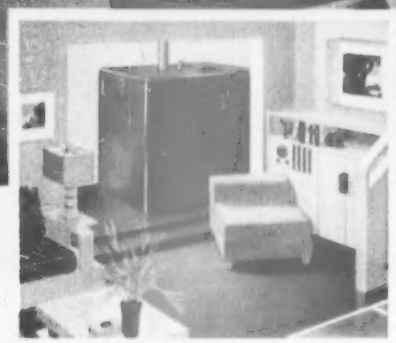
AMERICAN-Standard

HEATING

NEW COMFORT, new decorating freedom from Heatrim Panels! Made with 1-inch copper tubing, with aluminum fins for faster heat, these panels provide convected warmth throughout your room. And the steel enclosure may be painted to match your walls.



THIS OIL BOILER, the Oakmont, is designed for oil firing exclusively, and is engineered to assure more heat, quicker heat, and lower fuel bills. Functions with outstanding efficiency when combined with the Arcoflame oil burner. The cast iron Oakmont is priced to meet the needs of the average home.

THIS GAS BOILER, the cast iron Empire, is compact, clean, fully automatic. It provides you with abundant, healthful heat at low operating cost. You'll find it ideal for installation in basement playroom or laundry. The Empire Boiler is available in a wide range of sizes to fit your particular needs.

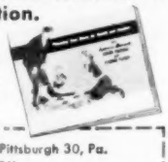
For warm, smart rooms next winter—new Heatrim Panels give you low-cost BASEBOARD HEATING

● Want uniform, floor-to-ceiling warmth in your home all winter long? Larger-looking, more attractive rooms? Complete freedom in the arrangement of your furniture, draperies and wall-to-wall carpeting? Then the new Heatrim Panels, just perfected by American-Standard, will be good news to you!

Designed for forced circulation hot water heating, Heatrim Panels give you baseboard heating that responds promptly to every heating need. They replace wood baseboards, and deliver clean, comfortable warmth into every corner of your room at very low cost. They harmonize with any decorative scheme, are excellent for use under picture windows . . . and permit you to use *all* your floor space.

Easy terms available

Your American-Standard heating retailer handles a complete line of heating equipment for all fuels, including Heatrim Panels. And you can buy from him on the most liberal time payment plan when you remodel. Look him up in the Yellow Pages of your 'phone book under "Heating Equipment" . . . and ask for an estimate, today. **American Radiator & Standard Sanitary Corporation.**



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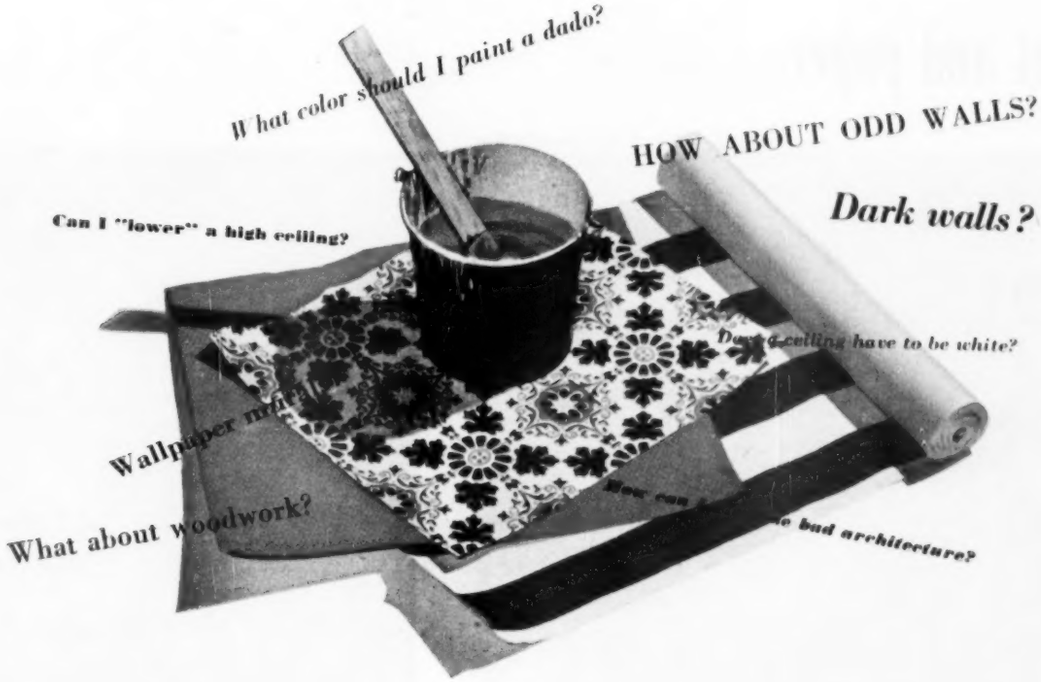


Make the most of paint and paper

By Florence Byerly

What is the biggest area in any room? Not the sofa or the carpet, but the walls themselves. Even a small 10x10 bedroom has about 200 square feet of wall space. Quite a sizable chunk of color!

That's why questions like those above are so important. They're answered with specific examples on the four pages that follow.

As you study these answers, keep the basic rules in mind. Remember that dark hues and bright ones are eyecatching, seem to "come right out at you." Same is true of bold patterns. Conversely, light tints, cool, indefinite blues and greens, closely blended patterns recede or "stay" back on the wall. Remember, too, that sharply contrasted hues draw attention to the size and shapes of each area (as you'll note in the pair of pictures on whether or not to match walls and trim.) Biggest mistake of amateur decorators is using too many colors and patterns in one room. Walls and ceiling are only background for furnishings and people.

So beware of the dangerous fad for "odd walls"—making one or two walls a different color and pattern from the rest. Often they are just *too* odd! Be especially cautious in using those ensembles of floral wallpaper and harmonizing bold stripe. The designers planned them for adjoining rooms (such as hall and living room) so don't spoil their beauty by crowding both onto different walls in one room.

Choosing the precise shade is easier if you use the largest possible sample, for any hue seems much, much brighter spread over a big wall. And once the family has agreed upon the sample, *have confidence*. Any color looks queer when you've worked till midnight under a harsh 200-watt light. But later, when the furnishings are all in place, you'll be proud of the job.

Turn the page for answers to your most-asked paint and paper questions →

Paint and paper *Continued*

Photograph: Branham. Decorator: Martin Van Buren

When do you use a contrasting wall? Only when it serves a real purpose, such as accenting a grouping around the sofa or at the head of a bed. The odd-wall color should repeat or balance same color used elsewhere in the room's furnishings

Photograph: Parker. Designer: Vern Larsen

Should a ceiling be dark or light? Remember that a dark ceiling makes a room seem lower and absorbs light. If your room is low, or if the lamps and lights are the "reflect-against-ceiling" type, your best choice is white or pastel

Hedrich-Blessing

What do you do with old-fashioned panels? Here this problem is solved by using chintz and wallpaper. If you adapt this idea, use a pattern that's closely spaced. Another solution is to paint the molding, panels, and walls exactly alike

Reynolds, Photography, Inc.

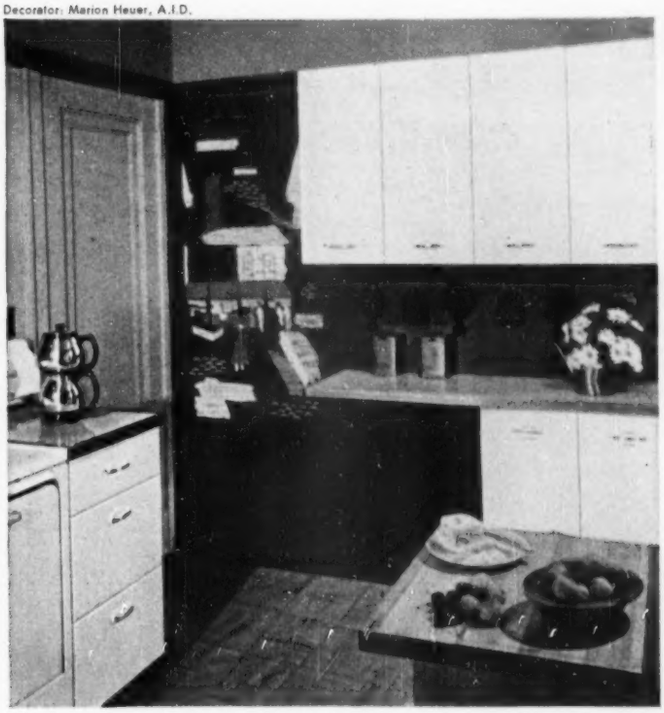
How do you "pep up" rooms with wood walls? For contrast, use accent color on ceilings or floors, or use dark floor coverings. You can use patterned wallpaper or wallpaper murals for accent spots. They're best when pattern repeats wood tone

More answers to your questions →

Photographed by Howland at Altman's, New York

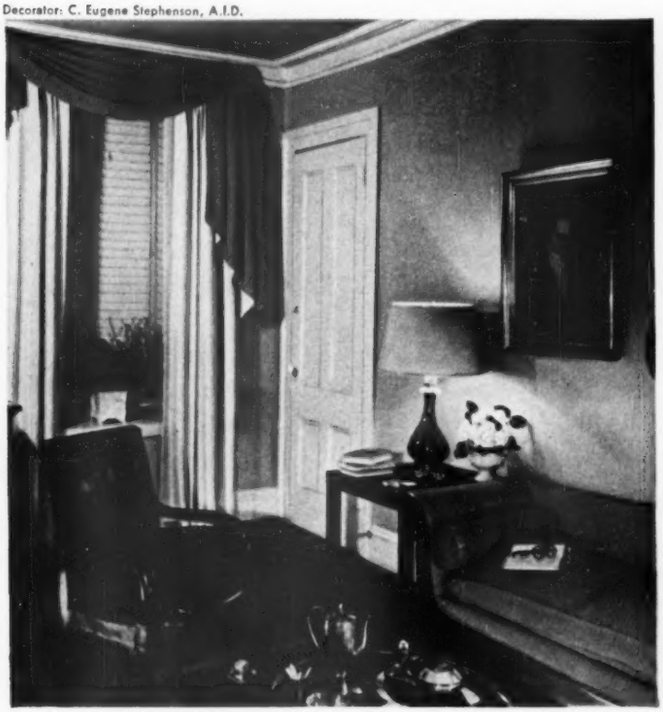
How about the inside of shelves? Paint them the same color as the walls if you want to minimize the built-in. Or use contrasting paint for interiors only, with front edge same as walls. A surprise touch here is one section painted pumpkin

Decorator: Marion Heuer, A.I.D.



Where can I use a mural? Wallpaper murals can be used in any room as accents or can even be the focal point. Then paint or paper the rest of the wall the same color as the mural's background. In kitchen, use clear lacquer to protect paper

Decorator: C. Eugene Stephenson, A.I.D.



How about contrasting wood trim? Here, you'll notice how the contrasting colors used on the walls and trim draw attention to the trim. Since this is a large room, it looks all right. If your room has fine architectural trim, play it up

Decorator: Brown of Black Bros., Houston, Texas

Should wood trim match the walls? One color on walls and trim is a spacemaker, as it blends all the background together. Use it in a hallway which has several doors and cabinets. Or use one color to conceal poor structural features

Paint and paper *Continued*

What about dark walls? They will give you a dramatic color scheme. But be sure to use lots of light and bright accents to help offset them as is done here

Decorator: Marion Hauer, A.I.D.

Gorski

Must paint exactly match wallpaper? Not always. In closely blended patterns, each color is affected by its neighbors. Here, the green trim exactly matches, but the red isn't as bright as the tiny dots—a better choice for the large door

Decorators: Lubliner & Himmel

Paint fireplace same color as walls? If you do decide to paint it the same color as the walls, it'll seem less noticeable. This is a good idea when there're many doors, or a bulky built-in or mantel. But here the fireplace is the room's focal point

Photograph: de Gennaro. Architect: Gerard Colcord, A.I.A.

How can I vary an all-wood room? You'll notice that the floor stain is a deeper tone in this room than the stained-wood walls. This gives variety and weight to the decorating scheme that's mostly wood. Bright colors complete the effect

How should I paint the dado? Wallpaper above a painted dado looks best when some color in the pattern is repeated in the paint. Sometimes painted dado is exactly the same shade as background of paper; makes dado relatively unimportant

Streetside shows clean design, soft scheme of gray and white. Redwood gate ties with fencing at side. Roof is composition silver-tone shingles

Garage (left) and bedroom wing create privacy for lawn and roofed terrace. Beauty of outdoors is brought to living room through full front of glass

Here's leeway in size and cost

to adapt to your family, whatever its needs may be

By John Normile, A.I.A.

Readers who build homes from Five Star plans don't always follow these plans exactly. That's as it should be, usually, because it shows these readers are carefully analyzing their needs in advance.

Here's a plan that's especially flexible. Five Star No. 2302 is a working wonder as it stands, but adapts intelligently to size of family and of purse. Architect Joseph Stewart's basic house is adaptable, should you require something *more* or *less* than he worked out for the William Nuttings of Palo Alto, California. Three sound possibilities appear below.

For example, rooms you need to add, now or in future, won't change outer dimensions of your house. That wide inner yard takes them with dollarsaving logic. Or say your needs run the opposite way—and you'd lop off one bedroom and [*Turn to page 182*

Here is basic plan No. 2302

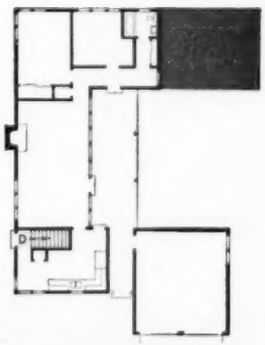
Over-all dimensions: 48⅓x64½ feet. Square feet, 1,428. Architect: Joseph L. Stewart. Data: Louise Price Bell

★ You can buy plans for this ★ or any Better Homes & Gardens ★ Five Star home. See page 183. ®

Photographs: Morley Baer

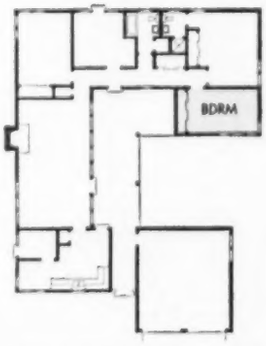
Living room is open—to patio, view, dining space, kitchen, and the garage beyond windows

AT THE RIGHT are three possible ways to add or subtract space from the basic plan shown above. These variations are not included in the Five Star plans of the house, but are presented to show you how you can adapt this house to the exact space requirements of your particular family.



You can readily drop a bath and bedroom (blue area), add stairs (yellow) to basement

By extending living space onto patio, you keep the same room size, create a dining ell



Here's how to have four bedrooms. Bedroom and living wings must be the same width

Good gates and fences

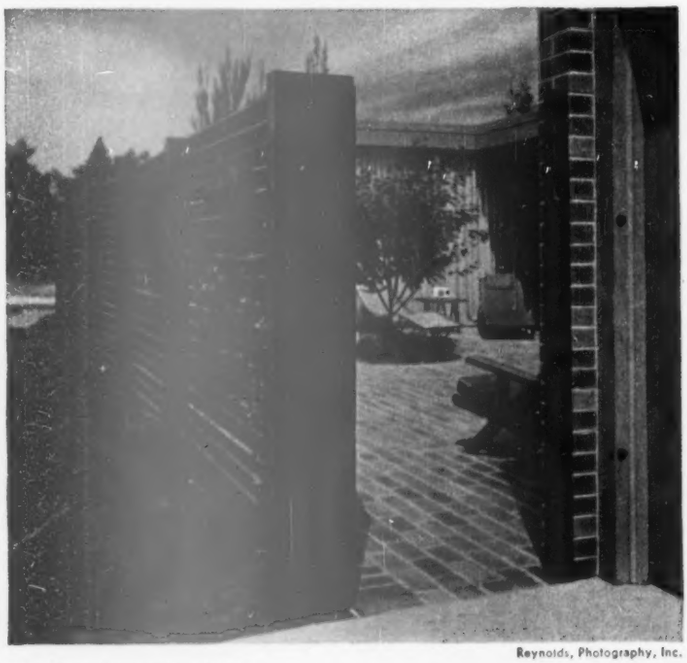
Each does a special job

By Leslie MacRae

When you build a fence, look on it as a big opportunity. The right fence can add distinction and usable space —usually for less than remodeling a room or porch.

Choose the type of fence that will do exactly what you want it to do. Have the color, materials, and lines in harmony with your house. Then:

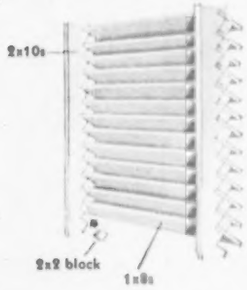
- Keep the top parallel with the house foundation if your fence joins or runs close to the house.
- Treat all wood against rot and insect damage.
- Fill large openings with wire mesh if you want to keep pets and small children safely inside but have decided on an open, bold fence design. This also applies to gates.



Reynolds, Photography, Inc.

The fence above makes privacy possible on corner lot while observing 5-foot setback.

Louvers are fixed to catch south breezes of summer. Louis Fiske, Denver, Colorado.

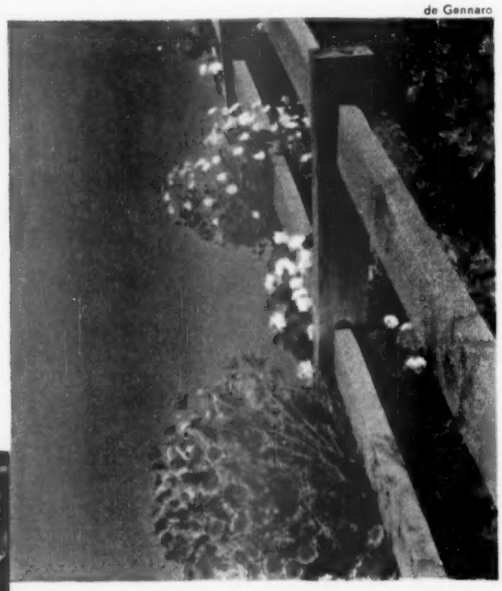


Weymouth

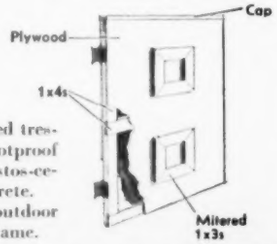
Often you can get double use from a fence. Here beside drive a 5-foot screen of close-spaced, peeled saplings stops view and cross-traffic. It also supports narrow planting of Paul's Scarlet roses, white sweetwilliams, honeysuckle vines, and geraniums. Harold Seltsam, Rocky River, Ohio

Photograph: Lisanti

de Gennaro



If you want a simple boundary marker and space is limited, consider a post-and-rail fence. Rails run through, or butt ends at centers of 4x6-inch posts. It's safe for agile fence-walking youngsters



To keep out four-footed trespassers, here's a fine rotproof fence of lasting asbestos-cement slabs set in concrete.

Handsome gate is outdoor plywood on a 1-inch frame.

More photographs on page 200

How to plan a successful room

By Ben E. Graves

An attractive room doesn't just happen—it's planned. What are the elements to consider when planning a room's decorating scheme? First, there's a color scheme. Then window treatments, lighting, practicality (if a room's just a show place, might as well start over), and furniture arrangement. There are a few other things like the accessories you use and the pictures you hang on the walls. But these are personal things which make the room reflect your own interests and personality.

Put these all together and you have a completed room —a room that's pleasing to look at and comfortable to be in. A room that's planned for the way you live. Let's see how all of this was combined to get this handsome room in the Thomas Humphrey home, Minneapolis, Minnesota.

Photographs: Photography, Inc. Architecture and interior design: Humphrey and Hardenbergh

Color scheme. Color starts at the front door. The drapery fabric, which sets the pace for the rest of the room's color scheme, is repeated as the bolster covers on the large, L-shaped sofa

Practicality. Party-size table serves the oversized sofa. Look again at the other pictures and see how easy-to-clean hard-surface flooring is used near door and for main traffic areas

Lighting. Drapery valance and lighting below hanging bookshelf is shown in yellow; the table lamps and ceiling spots, in red

Furniture arrangement. The placement of the sofa and storage chest divides living and dining sections. Chest is for dining area. The top serves as a behind-the-sofa lamp table, or as a serving table for informal buffet suppers

For more pictures, see page 160

Here's how roses grow!

By Fleeta Brownell Woodroffe

If you like to look behind scenes, if you like knowing how and why as well as what, take a quick look at all that must be done before you can have a rose.

You'll find a fascinating compound: dreams—this nation's demand for its favorite flower—the most delicate handwork—field work as mechanized, as vast as corn and wheat growing—hours spent over microscopes—unending tests and record keeping—keen eyes focused on style changes.

You'll find all these interwoven with an unceasing probe into the wonderful secrets of creation and growth. You'll find men humbly and reverently playing God.

The kinds of roses you buy, the types of bushes you plant today didn't júst happen. Not one's a Topsy—it didn't jes grow! Blooms, stems, plants, foliage, bud shapes, the color combinations, are bred that way.

But—maybe you don't long to watch the wheels go round. Maybe you prefer just to cut long-stemmed and deliciously fragrant roses.

However that is, you'll be able to cut better roses and more of them if you know what makes them grow. You'll get more for your money, more for the time you spend with them if you understand their needs as the men who breed roses and those who grow them by the millions do.

Opposite we've sketched a rose. It's no particular rose, but a rose with all the parts identified that you need to recognize and understand. Digest the facts—and though you never grew a rose before—you can be proud of yourself and your roses this summer.

What goes on that you never see

Drawing: Jessie Ayers

Pollination, transfer of live pollen grains from one rose to seed-making parts of another, is handled in North with a fine-hair brush in greenhouse

Breeding is often handled in field in warm climates. Pistils are dipped into collected pollen. All crosses are planned in advance. Weather affects seed harvest

Records of dates and pollen used are tied to individual seed pods. If outside, pods are bagged. Lineage of roses is as well known as blood lines of racing horses

Rose seedlings. The second here is 3 months older and the third 6 months older than first. Seedlings of one pod may be white, red, pink

Photographs: Lisanti, Bryant

First judging of mature plants covers habit, foliage, color, shape, number of flowers. Repeat bloom is a must for today's pillars and climbers

Field trials cut new roses to those that can stand up under beating sun without fading, also battering of wind and rain. Trials run at least two years

Budding. To multiply it rapidly, buds from branches of chosen rose variety are slipped into T-cuts in bark of lower stems of roses grown for this purpose

Nurse root stock is topped after bud of desired rose has united with the understock. Rubber wrap drops. New shoot grows into strong top

More on roses, see page 211

Follow these seven pointers

and success is yours

Bloom head of floribunda type of rose differs from hybrid tea in bunching three to seven or more buds at stem ends. This gives better and longer outdoor display. Individual roses have excellent form.

Essential parts of a rose in cross section: Green sepals enclose seed-making ovary. Not many fertile seeds are set by modern garden roses. Best practice is to snap off blooms as soon as the petals fade, direct strength to expanding more flower buds.

Highest 5-part leaf below bloom or bloom head is place to cut stem for quickest repeat blooming. Buds at base of highest and next highest 5-part leaves are readiest to grow. Foliage needs sun full half day.

New shoots from low on bush are most valuable. Because they elongate from tips, protective sprays and dusts against diseases and pests are needed every 10 days. Plenty of water available in soil speeds new growth.

Knob on lower stem shows area where bud of desired rose was inserted into understock with vigorous feeding roots. In cold climates set and keep this knob covered with 1 inch of soil. Break or pull off any new shoots that rise from below this point.

Soil in which you set roses should be worked fine, be open enough to take in both air and water. Clay grows good roses if drainage prevents stagnation and bed is mulched, or top inch of soil stirred often.

Roots of roses naturally spread widely. Food is taken from soil only through tips of fine feeding roots. Spread plant food below outer branches. Feed at least twice each season. Follow with generous waterings.

REMODELING, if carefully planned, can provide the home you want, especially if your purse is too flat to stand building from the ground up. There are *three* routes to a better home via remodeling—each with its own problems and its own rewards. As demonstrated here and on following pages, these routes are:

1-UPDATING

With this approach, you strive to create a more livable, more desirable home within the structural limits of an existing house. This is by far the safest route. You can advance at your own speed and as the budget permits

Photographs: de Gennaro

2-EXPANSION

Here, you increase floor space by adding to an existing house. Cost is apt to run higher than for equivalent space in a new house. But a skillful addition can pull the entire house up with it while meeting your changing needs

3-CONVERSION

In this case, you start with something that isn't a house at all. Remember, you'll want an abnormally sound old structure. If you find such an animal, conversion offers more space for the money than you can get any other way

1-Remodeling by updating

Good taste and good sense can substitute effectively for money when you modernize an old house by remodeling.

Yet 30-year-old bungalows, with small price tags and big possibilities, stand neglected in every city. And people who can't afford to build a new house at today's high prices pass them by with sightless eyes.

Not so the Ralph M. Prices. They found such a bungalow on a quiet, shady street in Tulare, California. They drew their own plans, did the finishing work themselves, and arrived at a distinctive, comfortable home in just two years.

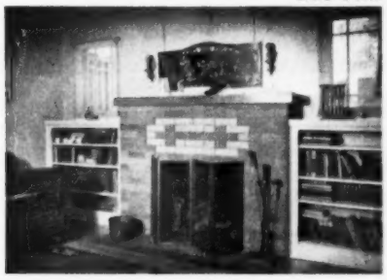
The Prices enclosed most of the front porch to gain a study and entrance. And they combined two rooms and a porch at the rear of the old house to get a large living-kitchen.

Total cost of the remodeling, with professionals handling all of the major changes, was just under $2,000!

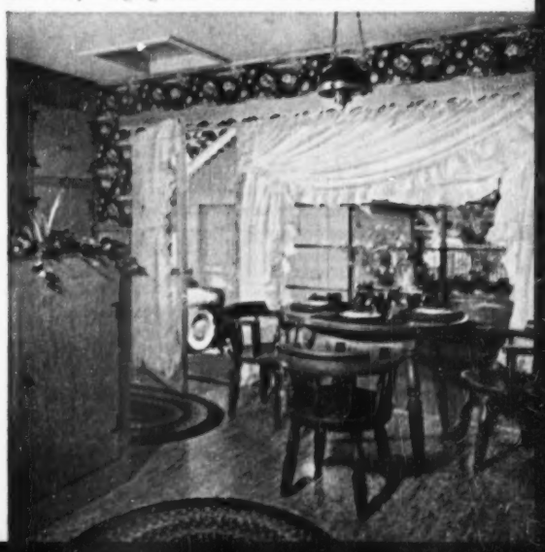
AFTER. Compare wall of white paneling above with fireplace and open bookshelves (left) that once dominated living room. Grim windows, now covered, are hidden outside by fixed shutters

BEFORE

BEFORE



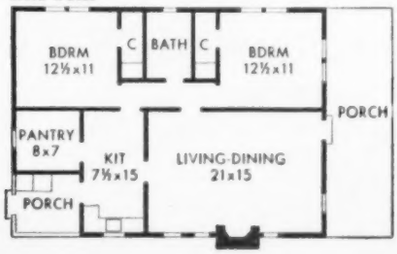
Dining area of living-kitchen occupies what used to be oversize pantry. Area to left was screened porch. With partitions gone and porch enclosed, one freely merging area results from three before



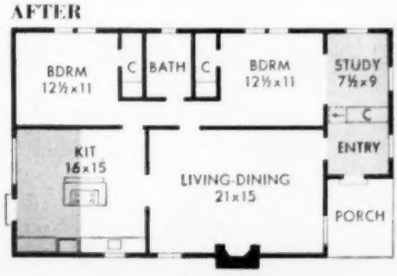
AFTER

Updated beauty opposite represents less than $2,000 investment in forlorn house above. Two-foot overhang remained when wall was brought forward to absorb porch. False gable is gone; front is faced with used brick

BEFORE



AFTER



Next page: Remodeling by expansion

2-Remodeling by expansion

The space you add to an existing house costs more than that same space built as part of a new house. But against this cost you must weigh the advantages of staying where you are—familiar and friendly surroundings, matured landscaping, and a pattern of life to which you are accustomed.

It was these advantages that stayed any urge Mrs. Hoffman and the late Ted Hoffman may have had to leave their house in Hinsdale, Illinois. The addition Architect Hoffman designed answered perfectly their need for another room to serve as recreation space and odd-moment guest quarters.

The improvements included a spacious entryway, a roomy 6-foot closet, and a powder room with shower for the convenience of overnight guests. A 6x6 window was added to the front of the existing living room to open it up and give a visual appearance of increased space from within.

Except for the new living-room window and a stairway redirected into the new entrance hall, none of the existing house was changed. While the result is not a new house, it looks smart in its old surroundings, and provides much of the enjoyment of a new house.

The Hoffmans have proved that there's no such thing as a hopeless house—theirs was a challenge which they willingly accepted. Here is a top-notch example of how remodeling by expansion can give you the space you've always wanted, how it can add style where it's needed, and how it can function better for your family than you ever would have guessed.

New room provides space for many of the family's activities. Small piano turns this into a pleasant music corner that is busy for hours every day of the week.

In spite of windows set in three walls (those on the front are head-high), there is no dearth of wall space.

Color scheme of room is chocolate, gray, and yellow, with strong accents of red.

Photographs: Hedrich-Blessing

Most of two walls of the new room are glassed, but all glass is at the rear or foliage screened side so privacy is not breached.

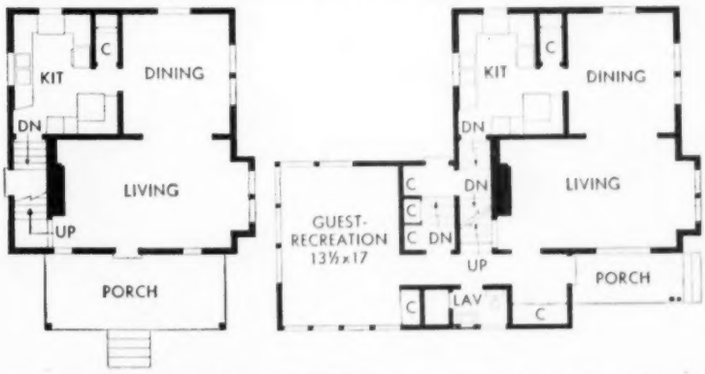
Windows are awning type; they open out to keep furnishings and draperies dry when rain comes unexpectedly.

When the need arises, the wide sofas double as comfortable guest beds. Sheets and blankets are kept in corner unit.

AFTER. Just as clothes make the man, a few new lines make a "new" house. Everything in front of the street wall, including the eave of the main roof, was sheared off. New addition wraps itself around old house, ties in with roof lines

BEFORE. It's dated, but hardly the kind of date you'd want to be seen with. Its lines were poor, and emphasis on scale came in wrong places. Bulky porch was wasted space

Everything to gain, and nothing to lose



BEFORE. The original, boxy plan shows little imagination

AFTER. The addition makes all the difference. Only changes in old part are in window and stairs

Next page: Remodeling by conversion

Rear view shows barn and connecting outbuildings

View of other side shows foundation above ground

In early stages, the new roof starts to take shape

3-Remodeling by conversion

When you buy a used building for conversion into a house, just what do you get for your money? In most cases, all you are buying is secondhand material at the going rate.

If you have to tear down much of the existing building before you start, don't buy. Unless the foundation is solid, and the building is in A-1 condition, don't buy.

But if you find the right building, the right location, and the right people to work with you, you can have the time of your life with such a remodeling project.

John LeSourd found the right building—a sturdy barn with a chickenhouse and shed attached. The location was perfect—a hill with a breath-taking view of the [*Turn to page 229*

How space was organized within original walls

Photographs: Garrison

What could be more dramatic and beautiful than this final result? The foundation's the same, the siding's the same, so is the chickenhouse.

The whole effect was created with relatively inexpensive changes—a new roof line, clean-cut details like the porch and shadow-box window, and a fresh paint job.

Dining space and kitchen face south. Large, unbroken glass areas overlook the exciting New Hampshire countryside; vertical wings and louvered overhang keep out glare.

Kitchen is separated from living area by the solid fireplace wall, the only wall on top floor reaching to the ceiling. Notice overhead track for screen.

The original barn was all open inside, and the house carries out that same openness. Most partitions don't reach even to trusses supporting the new roof.

Screen at right is the only division between living and dining space, and between dining and kitchen. Gray-blue and white of exterior are carried to inside scheme.

How to keep a family together

Are you and your family getting enough fun out of life—together? It may be more important than you think

By Oren Arnold

One afternoon last summer, I sat in a boat speeding across a lake in California and looked back at the man and woman we were towing. They stood on water skis, zipping along as if on ice, throwing silvery spray and creating countless little rainbows. They'd shift weight a bit, leap over the boat's wake and hit the water again—*splat!*—like the slap of a beaver's tail. Presently the man discarded one ski, lifted his free foot and wrapped his tow rope around it.

"Look, Mom!" he shouted. "No hands!"

Instantly she matched his stunt and his wisecrack: "Look, Son, no hands!"

We towed them half a mile that way, then watched mother and son leap off near the boat landing and swim in. Two other sons—twins, aged 18—reached down to give Mom a hand. Their father smiled and spoke a word to son Bob, still in the water. "Let your mother outstunt you, eh?"

"Had to," said Bob, spewing cold water. "It's almost dinnertime. Got to keep her in a good humor."

They were in good humor, indeed; all of them. The six sat together for a moment on the dock, swinging suntanned legs, gazing at the mountain heights around them, chatting and drying out.

Happiness, inner peace, freedom from worry and fear, is the hallmark of this—one of the most enviable families you could ever hope to know. They work together and play together. They have achieved the grand goal that each of us everywhere sets for himself and his loved ones—to get at least some bit of fun out of life every day.

They are the Petersens of Chico, California. When you mention their name in this town of 10,000, somebody will instantly direct you to 311 West Legion Street, where George and June, the parents; Bob, the eldest ski-stunting son, aged 23; Bob's wife, Diane; Fred and Jim, the twins; and Linda, an outrageously large great Dane, all live.

They occupy a modest brick house which, theoretically, should be perfectly landscaped, since until recently George Petersen was a professional nurseryman. Actually its countless trees, shrubs, flowers, and vines seem happy-go-lucky; but with a purpose, if you get what I mean.

That previously mentioned bit of fun every day, which the hard-working Petersens manage to find, may be just a bit of impromptu dancing and singing in the living room. Or 30 minutes of table tennis, with Mom and a son challenging Pop and a son. Maybe it's an after-supper session of posing for Mom's camera, then enlarging the photographs in her pantry darkroom. Or an hour in the back yard with the twins, shaping and polishing planks into new skis.

The willingness is there, the eagerness, the enjoyment of living. Most of their play is athletic, under the skies. But the Petersens maintain that the *attitude* can be developed to advantage in any environment. Studying the Petes (their town's fond nickname for them) makes you wonder whether *you've* been getting enough fun out of life.

The Petersens had no studied plan, no labored advice from an expert. And yet, though their playing seems spontaneous, there are times when it must be consciously guided, balanced, restrained. (Something like the landscaping on the front lawn, I guess.) This is the parents' responsibility, as it inevitably is for all parents everywhere. It need not be burdensome, George and June Petersen discovered.

"Parents must realize that children are not hothouse plants," said George, the nurseryman. "They are hardy perennials that grow vigorously outdoors. You don't have to make Tarzans of them, or [*Turn to page 163*

Fun, as the Petersens define it, means doing anything a person likes to do. At Lake Philbrook, 50 miles away, they have a large cabin. Together they hauled the rocks, mixed the mortar, erected the walls, put on the roof

The Petersens and the Harry Hansens, weekend guests from Chico, enjoy a beach fire at sunset on the shore opposite the cabin. Their boat is hauled up on the beach behind group

Because several lakes were near and because water skiing is among the most exhilarating of sports, the Petes went in for it. The three boys quickly became experts

Food and records highlight a party as the twins entertain a group of teen-agers from nearby cabins.

The boys' mother has always encouraged them to bring friends home — a tactful chaperoning job.

Photographs: Towers

The older Petes enjoy working in the photography darkroom as well as the boys. Mrs. Pete has become such an expert amateur photographer that she was a winner in her camera club's contest last year

Fun doesn't necessarily mean hilarity to the Petersens. It might be the process of tying a trout fly as George is doing while June looks over his shoulder. Jim enjoys reading by the fire while Linda, a great Dane, snoozes

Save space with these

Ready-to-copy ideas for built-ins

By William J. Hennessey

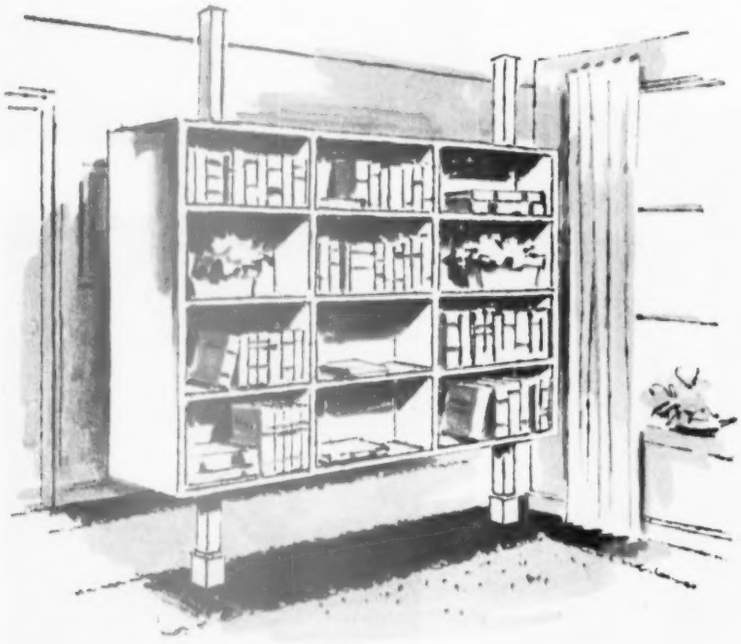
Built-ins can make space count for comfort and convenience in homes too cavernous or cramped. If you are living in a large home, built when help was cheap and when "gracious living" meant living on a grand scale, let built-ins line your oversize stair hall. Or use them to convert your attic from a little-used catchall into rooms for everyday use.

If, as a result of ballooning building costs, you've built a home too small, built-ins can supplement your storage space. They can give you more usable floor space by your substituting them for heavy, movable furniture. And they make a dual- or multipurpose area of almost any room.

You wouldn't always have to fix units in place. Consider separate units to move around for more flexible furniture arrangements, or to take with you should you move. Here are several variations on the built-in theme—ideas that can easily become the most distinctive in your house.

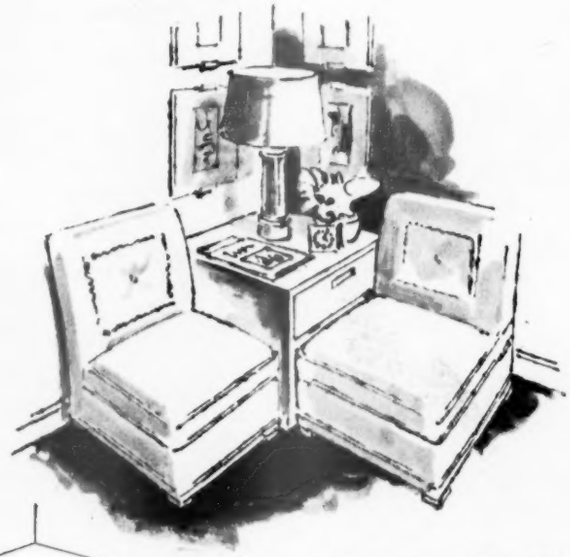
Drawings: Jean Jacobs

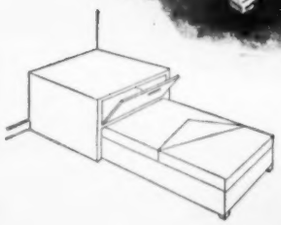
Keep current copies of your magazines in this variation of the display cabinet. A 10-inch-wide sheet of plate glass is set in the front part of the top for better visibility. The rest of the top consists of a hinged plywood door for access to linen and pillow storage for the studio couch at the left



Shelves for your books or hobby collection can separate a room from a passageway for family traffic, give your home better circulation. Mounted on 4x4 posts, shelves let light filter and air flow underneath and above them. Case here is 10 inches deep and about 12 inches above the floor

More on page 124





Now you see it; now you don't. This corner built-in conceals half of a studio couch during the day. Pillows and bed linen store away in the compartment behind the hinged door.

Back rest is added to exposed half of couch (right). Matching chair moves in at left to complete daytime sitting unit.

HOT SOUP 'n' Crackers! Mmm, Good!

ANNE MARSHALL
Director Home Economics
Campbell Soup Company

BY Anne Marshall

They just naturally go together! The crispness . . . saltiness . . . crunchiness of crackers and the fine flavor—robust or delicate—of hot soup. Try serving big bowls of satisfying soup with a tempting assortment of crackers, cheese, celery and some red, red radishes, icy cold. *"Mmm, Good!"* the family'll say.

CHICKEN NOODLE SOUP pairs well with golden, crisp crackers. Traditional soup of our hardy pioneer forefathers. With plenty of tender chicken and delicious egg noodles in rich broth. It really hits the spot.

GREEN PEA SOUP likes crackers that are salty. This soup is a year-round favorite and, in the winter months especially, mothers welcome its high-energy goodness. That rich pea flavor's wonderful!

VEGETABLE BEEF SOUP and crunchy crackers are fine together. Here's another hearty cold weather soup. A regular "square meal" soup—to warm 'em up. And fill 'em up too! Watch the bowls come back for more.

Tomato Rarebit

SOUP AND CRACKERS MAKE IT POSSIBLE!

They'll cheer when this delicious, easy dish comes on the table . . . rosy and piping hot!

- **1 can (1¼ cups) condensed tomato soup**
- **½ cup milk**
- **1 cup shredded sharp American cheese**
- **½ teaspoon dry mustard**
- **2 eggs, well beaten**

Combine ingredients in order given. Heat slowly, stirring constantly, until the cheese is melted and the rarebit is thickened. Serve on crisp crackers. Garnish with water cress, if desired.

A good cook keeps a full soup shelf

Dessert beauties

for dinner or after 10

By Myrna Johnston

Every one is a *sweet* inspiration! Just bring on a dessert like one of these and watch folks' eyes light up. You'll win a bouquet of compliments on the very first bite!

These are all-occasion desserts to give the perfect finish to a meal or to dazzle your guests at refreshment time. They are every-season desserts, too. But for a valentine surprise to thrill your family, choose one of the romantic-looking pink ones. Perhaps the Strawberry Sweethearts you see on the little scalloped dishes. Or the glamorously frosted Cherry Chiffon Loaf Cake (between the snowy white doves). Or the rich Red-raspberry Torte (top center) with crust of [*Turn to page 93*

Photograph: Allen Snook

Luscious Pecan Pie

58 Taste-tested Recipes

Help yourself to a slice of delight! In every delectable bite, you have crunchy, caramelized pecans atop smooth, rich custard—flaky crust below that's oh, so tender. Pour a cup of fragrant, hot coffee. There you have the perfect dessert for the evening the boss comes for dinner, for the night you entertain your bridge club.

We give you two recipes for Luscious Pecan Pie. One is extra rich and sweet—almost a confection. It's an old-time favorite of Southern belles and beaux. The other recipe is a less-sweet adaptation. Both are superb! Try first one, then the other to find which pie brings the most enthusiastic compliments from your family and friends.

February is a wonderful month for small dinner parties and informal buffets. Cold and stormy outside, there's warm hospitality at your house! See the meals below and start sending invitations.

Come for Sunday Dinner

MAIN DISH	VEGETABLE	SALAD OR ACCOMPANIMENT	DESSERT	NICE TO SERVE
Rolled Rib Roast of Beef Brown Gravy	Mashed Potatoes Buttered Broccoli	Cinnamon Applesauce Salad* Parker House Rolls	Luscious Pecan Pie*	Tomato-juice Cocktail Dairyland Dip Potato Chips Cocktail Crackers

Pie's all made and the pretty salad waits in the refrigerator. Finish those last-minute kitchen jobs while your guests munch chips and crackers with Dairyland Dip: Mash one 3-ounce package cream cheese; add 3 ounces crumbled blue cheese, 2 tablespoons chopped ripe olives, 1 tablespoon minced onion; beat. The pie's extra rich, so cut the slices on the small side.

For a February Day

Tomato-sauced Swiss Steak	Rice-Celery Molds Buttered Carrot Strips	Mixed Green Salad Hot French Bread	Martha Washington Dessert*	Hot Coffee

With Swiss Steak, serve quick-to-fix Rice-Celery Molds: For 6 servings, combine 2 cups quick-cooking rice, 2¼ cups water, 1½ cups sliced celery, 2 tablespoons chopped parsley, ¾ teaspoon salt; bring to a boil. Cover and remove from heat; let stand 10 minutes. Add 3 tablespoons butter. Press into custard cups; unmold immediately on serving platter or dinner plates.

Homespun Dinner

Meat Loaf With Catsup Topping	Scalloped Potatoes Peas With Onions	Cabbage Toss-up Hard Rolls	Caramel Spice Cake*	Mustard Pickles Hot Coffee

Fifteen minutes before meat loaf is done, give it a Catsup Topping: Spread it with ¼ cup catsup, 1 teaspoon brown sugar, and ½ teaspoon Worcestershire sauce. What a peppy frosting! Pees With Onions: Drain 1 No. 2 can peas and add 2 cups sliced onion to the liquid; cook covered till tender. Add the peas, 1 tablespoon butter, ¼ teaspoon sugar, dash salt; heat.

On a Winter's Evening

Chicken Delicious* on Waffles	Buttered Asparagus	Grapefruit-Orange Salad on Water Cress Fruit French Dressing	Peppermint Fluff With Chocolate Sauce*	Quick Spiced Peaches

You make the gelatine dessert early. Buy frozen waffles, use a mix, or make waffles from your best recipe. Top each crisp waffle section with pimiento-olive-sauced Chicken Delicious. Quick Spiced Peaches: Stud peach halves from 1 No. 2½ can with whole cloves. Add 1 tablespoon vinegar, 2 sticks cinnamon. Bring to boil; simmer 5 minutes. Serve hot or well chilled.

Photograph: Hi Williams

Double-decker Ham Special

Baked Half Ham*	Baked Sweet Potatoes Buttered Green Beans and Mushrooms	Lettuce Wedges Sour-cream Dressing Rye Bread	Cherry-Vanilla Ice Cream	Dill Pickles Spiced Crabapples Hot Coffee

Cook two 10-ounce packages frozen green beans; add one 6-ounce can sliced broiled mushrooms; heat. Drain; add 3 tablespoons butter, salt and pepper to taste. Serve lettuce wedges with nippy Sour-cream Dressing: Combine ½ cup sour cream, 2 tablespoons vinegar, 2 tablespoons catsup, 2 tablespoons sugar, ¼ teaspoon prepared mustard, and dash salt, dash paprika.

Meats, Main Dishes

Chafing Chuck 98
Curry of Shrimp 98
Fluffy Rice 98
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*Recipes on page 107

Glamour foods FROM YOUR *chafing dish*

YOU couldn't ask for a more charming way to entertain than with a chafing-dish supper. The flame that does the cooking or keeps foods warm adds its friendly glow to the candlelight. You serve casually in the living room. And if you wish, you can cook before guests with all the fanfare of a magician. Whether yours is an heirloom chafing dish from the Gay Nineties or a new one, be sure to enjoy the fame it can bring. Here are two meals for a start

By Joanna Beals

Photographs: Allen Snook

Supper's cooking. Everybody watch!

Here Dad's ready for the big show! That's savory Chafing Chuck he's making. Now that the meat is cooked, he'll add seasonings and other ingredients with a flourish. Dessert is the delectable Apple Jamboree you see in the other chafing dish. You'll find the recipes for both on page 98.

There are lots more cooking adventures awaiting you. Just array the ingredients and impress your guests with your chafing-dish skill. These are "naturals": Welsh rabbit, beef Stroganoff, crab Newberg, oyster stew, scrambled eggs, flaming desserts.

Cook ahead. Serve hot—with drama

Expertly seasoned Curry of Shrimp and fluffy rice keep hot to the last bite in the double, stainless-steel chafing dish. In the roll basket are crispy fried Puris, a favorite with curry in India. See the tempting line-up of other go-withs: peanuts, coconut shreds, sieved egg yolk, and plumped raisins.

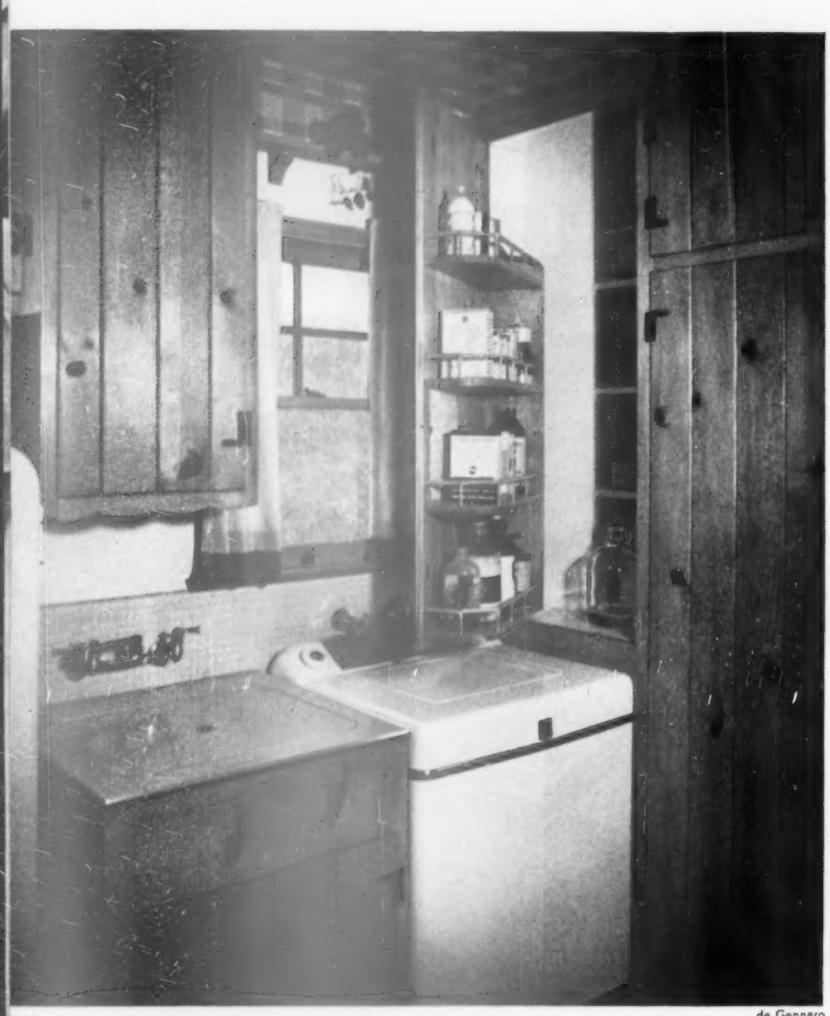
Lower right. Appetizers served toasty hot. Our trio: Stuffed Mushrooms, cocktail sausages, broiled bacon-wrapped olives. Or just fix one kind and brown them in the chafing dish—for instance, tiny meat balls, chicken livers, frankfurter-pineapple kabobs.

Tips and recipes, page 98

Up-and-coming plans

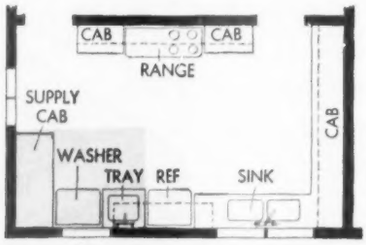
For your laundry area

By Helen Hutchinson



de Gennaro

A laundry corner in the kitchen

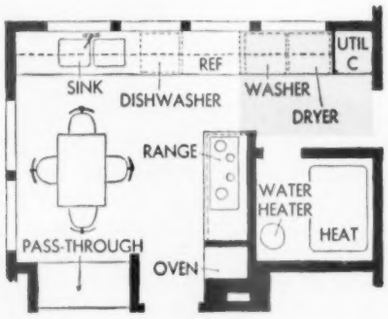


Good use is made of a corner in the Richard H. Cohens' kitchen, Los Angeles, California. Cabinet above washer takes care of laundry needs. Racks on doorshelves keep bottles and boxes corralled.

Tall cabinet, right, is for vacuum cleaner, brooms, dustpan. Top of laundry sink makes a clothes-sorting counter. Cabinet overhead could be a combined hamper and clothes chute from second floor.

Suter, Hedrich-Blessing

At one end of kitchen-utility room



Talk about bright and gay! This laundry spot in Architect Richard Evans' home, Glenview, Illinois, has a whole bank of windows above *and* below the wall cabinets to light the job.

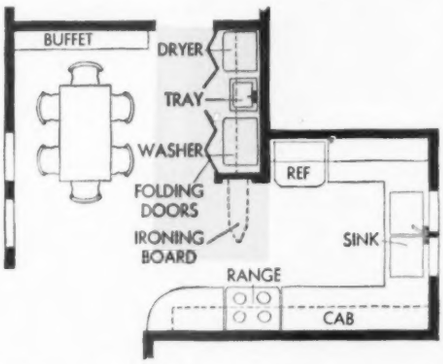
Counter slides out easily so you can load the washer; clean clothes go directly to dryer alongside. Other times the counter fits in its place to take care of cooking and serving activities.

With today's handsome washers, dryers, and ironers, you can have a laundry almost any place you want it. See the pictures for possibilities.

Maybe a sunny, first-floor utility room appeals to you, with space for a planning desk or a sewing center. You may prefer a laundry in the bedroom wing, near the source of most soiled linens and clothes. Or perhaps you'd like it in the kitchen, where you can do a load of clothes while you cook.

As you plan a laundry for a new house or older home, keep these points in mind. You'll want it near existing plumbing for economy. Check for plenty of daylight and ventilation. To put an automatic washer and dryer side by side, you'll need about 5½ feet of wall space. New combination washer-dryer models require only 3 feet.

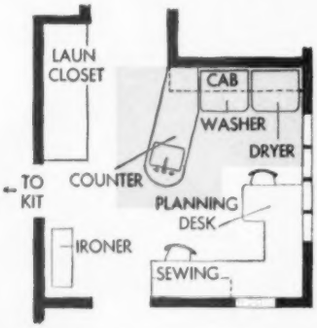
At kitchen entry, along one wall



Photographs: Rooks

The William Petricks, Grand Rapids, Michigan, have louvered doors that fold back at laundrytime, and presto! the washer and drier are ready to do their job. The laundry tray (center) adds an extra sink for special jobs. Overhead cabinets provide space for soaps, starch, and syndets (synthetic detergents); also tall vases, bulkies

Separate laundry and sewing room



Combination laundry, planning, play, and sewing room exactly suits the Clarence Zeilstra family, Grand Rapids, Michigan. Here's where clothes get spic and span; ironer's in a nearby corner. (See plan.)

Angular peninsula has doors opening on both sides; laundry cart stores beneath. Cabinets above take care of soaps, supplies. Note the handy mounting for paper towels at the built-in laundry sink.

Laundry near bedroom, page 152

Oven meals —fix them, then forget them!

Hearty family fare. All foods go in the oven at one time, get done together

Allen Snook

Tuck-away dinner. Table-going casseroles and baking dishes save dishwashing time

Dinner's cooking, but who'd ever guess it except that the kitchen smells so good? Counter tops and sink are all slicked up. There is nothing more for you to do but toss a salad and make the coffee just before mealtime. And while the oven takes charge, you have an hour or so to do as you please—to pick up Dad or the youngsters, or to chat with guests as you serve appetizers in the living room. You won't have any last-minute flurry in the kitchen.

Now dinner's ready! Let's look first at the meal at your left. You slipped it in the oven one hour ago. Oh boy! See those juicy Twin Meat Loaves with chili-sauce toppers. On the same rack is Carrot-stick Casserole. Above are Baked-bean Speed-up, Butter-browned Potato Halves, and big, plump Raisin-filled Apples for dessert.

Next look at the *tuck-away dinner*. You'll have plenty of time to relax while it reaches the delicious perfection you see above. Your main dish is peppy-flavored Glazed Pork Chops. (You don't have to brown them first in a skillet!) To go with them, Sauerkraut and Apple Bake—the best you ever tasted! Dessert is old-fashioned, fruity Rice Pudding. And on the rack with the chops, you see Spicy Fruit Compote all ready for the family's breakfast in the morning.

Recipes on next page

Oven meals

Begins on page 80

We give you recipes for all the dishes starred.

Hearty family fare

Oven: 350° *Time: 1 hour*

Twin Meat Loaves*
Butter-browned Potato Halves*
Baked-bean Speed-up*
Carrot-stick Casserole*
Chilled Relish Tray
Raisin-filled Apples*
Hot Coffee

Twin Meat Loaves

Two meat loaves are better than one!—

- 1 pound ground beef
- ½ pound ground pork
- ½ pound ground veal
- ¼ cup finely chopped onion
- 2 tablespoons finely chopped celery
- 2 teaspoons salt
- ¼ teaspoon pepper
- ¼ teaspoon dry mustard
- ½ teaspoon poultry seasoning or sage
- 4 slices soft bread
- 1 cup warm milk
- ½ cup dry bread crumbs
- 2 eggs
- 1 tablespoon Worcestershire sauce

Thoroughly mix the meats; add onion, celery, and the seasonings. Cube bread; soak in milk. Add eggs and Worcestershire sauce; beat with rotary beater. Combine meat, egg mixture, and dry bread crumbs. Form in 2 loaves. **Topper:** Roll loaves in ½ cup dry bread crumbs; place in 10x6x1½-inch baking pan. Spoon ½ cup chili sauce over loaves; pour ½ cup water in pan. Bake in moderate oven (350°) 1 hour. Makes 8 to 10 servings.

Butter-browned Potato Halves

Beneath their crusty tops, you'll find moist, flaky potato—

Cut 3 baking potatoes in half, lengthwise. Brush cut surfaces with melted butter or margarine. Place cut side down in greased 11½x7½x1½-inch baking dish. Bake in moderate oven (350°) 1 hour. Turn cut side up for serving. Makes 6 servings.

Baked-bean Speed-up

You get off to a good start by opening canned baked beans. Then add bacon and onion for a superb flavor blend—

- 2 16-ounce cans pork and beans
- ¼ cup brown sugar
- ½ teaspoon dry mustard
- ½ cup catsup
- 4 slices bacon, cut in 1-inch pieces
- ½ cup onion slices

Combine all ingredients. Place in 1-quart casserole. Bake uncovered in moderate oven (350°) 1 hour. Makes 6 servings.

Carrot-stick Casserole

Out of the oven they come, tender and buttery—

- 6 medium carrots
- ¾ cup water
- ¾ teaspoon salt
- 3 tablespoons butter or margarine

Cut carrots in half crosswise; then cut in thin strips. Place in 1-quart casserole. Add water, salt, and butter. Cover casserole and bake in moderate oven (350°) 1 hour. Makes 6 servings.

Raisin-filled Apples

Pass a pitcher of cool, rich cream—

Wash and core 6 large baking apples. Place in deep baking dish. Fill center of each apple with 1 to 2 tablespoons brown or granulated sugar, seedless raisins, and ½ teaspoon butter; sprinkle center with cinnamon. Pour 1 cup water around apples, cover, and bake in moderate oven (350°) 1 hour.

Tuck-away dinner

Oven: 350° *Time: 1½ hours*

Glazed Pork Chops*
Sauerkraut and Apple Bake*
Chef's Salad Bowl
Rice Pudding*
Hot Coffee
Spicy Fruit Compote*
(for tomorrow's breakfast)

Note: You put the Rice Pudding in the oven after the other foods have cooked ½ hour.

Glazed Pork Chops

You turn these upside down to show off their rich brown color—

- 6 1-inch loin pork chops
- 1 teaspoon salt
- 1½ cups brown sugar
- 3 tablespoons vinegar
- 1 teaspoon dry mustard
- Dash ginger

Trim excess fat off chops; arrange chops in 13x9½x2-inch baking dish. Sprinkle with salt. Combine remaining ingredients and spread over chops. Bake uncovered in moderate oven (350°) 1½ hours. Turn them over to serve. Makes 6 servings.

Sauerkraut and Apple Bake

Sauerkraut never tasted better!—

- 2 cups sauerkraut
- ¼ cup melted shortening
- ¼ cup water
- 3 apples, quartered and cored
- 1 small onion, sliced
- 1 tablespoon sugar
- ½ teaspoon salt
- ½ teaspoon caraway seed

Combine all ingredients. Bake in a covered 1½-quart casserole in moderate oven (350°) 1½ hours. Makes 6 servings.

Rice Pudding

A creamy pudding with plump raisins—

- 2 cups milk
- 3 well-beaten eggs
- ¾ cup cooked rice, cooled
- ¾ cup raisins
- ½ cup sugar
- ¼ teaspoon salt
- 1½ teaspoons vanilla
- Dash cinnamon
- Dash nutmeg

Combine milk and eggs. Add remaining ingredients; mix well. Pour into 6 greased custard cups. Set in 11x7x1½-inch baking dish. Bake in moderate oven (350°) about 1 hour or till mixture does not adhere to knife.

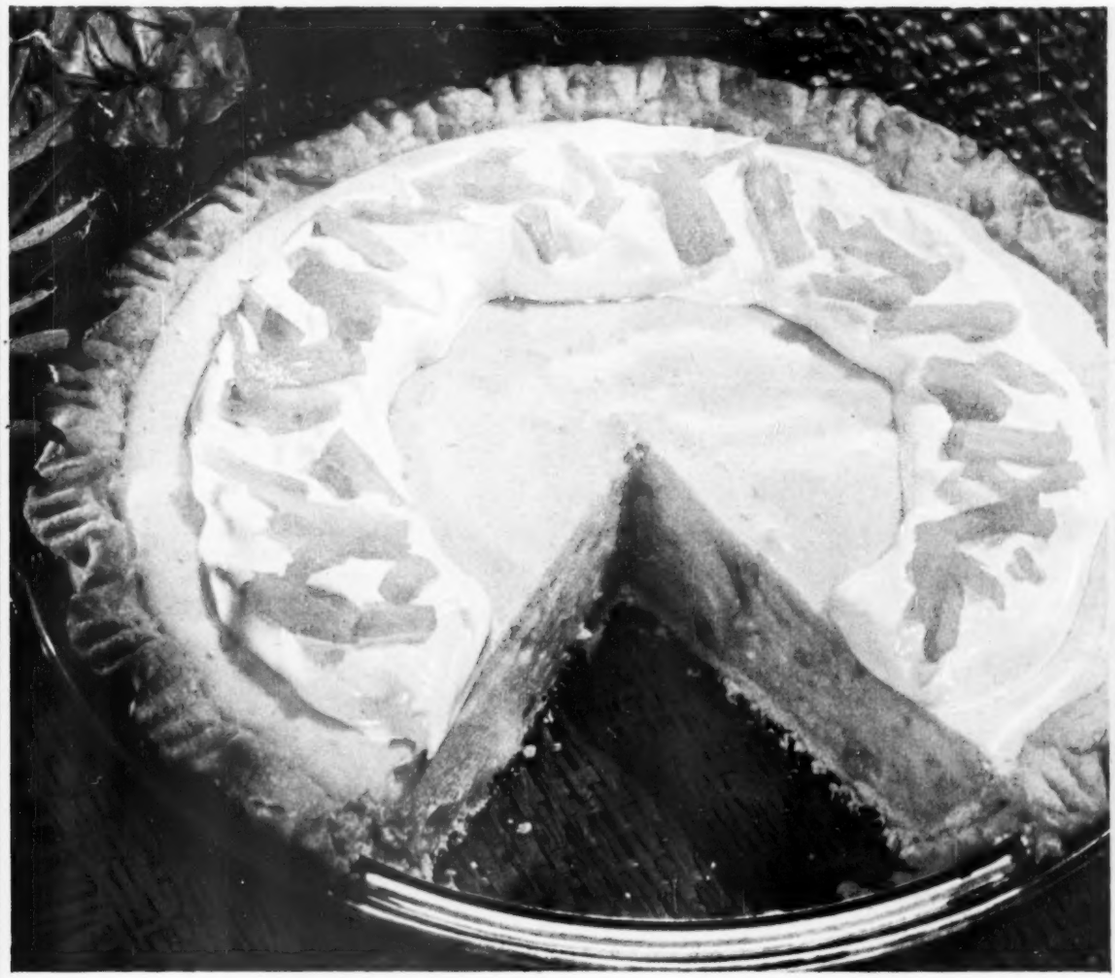
Spicy Fruit Compote

Your breakfast fruit cooks with tonight's dinner. It's truly delicious!—

- 1 11-ounce package mixed dried fruits
- ⅔ cup brown sugar
- 2 tablespoons lemon juice, fresh, frozen, or canned
- 1 teaspoon whole cloves
- 1 inch stick cinnamon

Combine ingredients in 1½-quart casserole. Add water to cover, about 2 cups. Cover and bake in moderate oven (350°) 1½ hours. Makes 6 servings.

New Crisco ends pie crust failure!



A show-off pie with scrumptious flavor!

CRISCO'S PINEAPPLE CHIFFON PIE

The pineapple filling is sparked with a hint of lemon. And the crust—*Mmm!* It's the flakiest, tenderest ever when you use new Crisco and this easy recipe!

CRISCO PASTRY

(All Measurements Level)

½ cup Crisco — **½ teaspoon salt**
1½ cups sifted flour — **3 tablespoons water**

Mix flour and salt in bowl. Cut Crisco into flour with pastry blender or two knives until pieces are the size of peas. Blend together ¼ cup of this mixture and 3 tablespoons water. Add to remaining Crisco-flour mixture and mix with fork or fingers until dough holds together. Shape into a round flat mass.

On a lightly floured board, roll circle of dough about 12" in diameter and ⅛" thick. Place dough in pie plate. Trim edges ½" beyond edge of plate. Fold edge under and flute. Prick small holes closely on bottom and sides of pastry. Bake in a hot oven (425°F.) for 12 to 15 mins. or until brown.

PINEAPPLE FILLING: Drain one #2 can crushed pineapple. Measure pineapple juice, adding water, if necessary, to make 1½ cups. Soften 1 envelope unflavored gelatin in ¼ cup pineapple juice. Combine remaining juice, 1 tbsp. lemon juice, ½ tsp. salt and ½ cup sugar. Bring to boil, stir in softened gelatin until dissolved. Beat yolks of 3 eggs (save whites). Add a little of hot mixture to egg yolks and mix well. Add to remaining hot mixture. Cook over low heat for 3 mins., stirring constantly. Chill until slightly thickened. Stir in 1 tsp. grated lemon rind and ½ cup crushed pineapple. Beat 3 egg whites with ¼ cup sugar until stiff. Fold into gelatin mixture, pour into baked pie shell. Chill until firm. Decorate with whipped cream and remaining pineapple.

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You see, there's just no other shortening like pure, all-vegetable Crisco! It's creamier than any other leading vegetable shortening . . . so creamy it mixes with a fork. New Crisco is so wonderful that even if you re-shape or re-roll the dough once or twice, you can relax. With new Crisco you'll get pie crust that does you proud!

Prove it! See for yourself how easy it is to make mouth-melting pies with new Crisco. Bake the pie shown above—listen to the compliments on that flaky, tender Crisco crust! You'll agree—new Crisco is America's finest shortening. And you'll understand why more women cook with Crisco than with any other brand of shortening.

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***GRAPE JELLY . . . MADE WITH BOTTLED GRAPE JUICE**

YIELD: 6 GLASSES (3 LBS. JELLY)

2 cups bottled grape juice
3½ cups sugar
1 box Sure-Jell powdered pectin

1. Mix grape juice with 1 cup of water in saucepan. Add Sure-Jell. Mix well. Bring to hard boil over high heat, stirring constantly.

2. Add sugar at once, bring to boil again, and boil hard for one minute, stirring constantly.

3. Remove from heat, skim off foam and pour quickly into glasses. (No paraffining necessary if used in 2 months —just cover and keep in refrigerator until eaten.)

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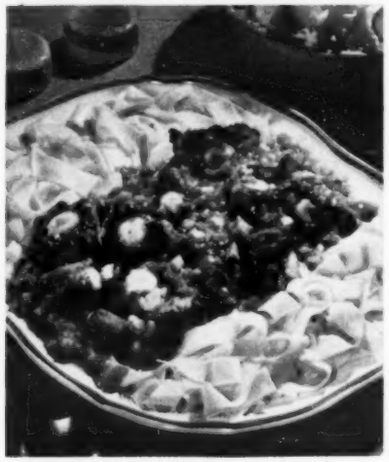
VARIETY MEATS

Chicken-fried Liver

- 1½ pounds beef liver (6 slices)
- 3 tablespoons lemon juice, fresh, frozen, or canned
- ¼ cup enriched flour
- 1 teaspoon salt
- ¼ teaspoon pepper
- Dash basil
- ⅓ cup light cream or top milk
- ¼ cup minced onion
- 2 well-beaten eggs
- 1 clove garlic, minced
- 1½ to 2 cups cracker crumbs
- ½ cup fat

Sprinkle liver with lemon juice. Combine flour, salt, pepper, and basil. Dredge liver in flour mixture. Combine cream, onion, eggs, and garlic. Dip floured slices in egg mixture, then in crumbs. Fry quickly on both sides in hot fat.—*Laura M. Getschmann, Bremerton, Washington.*



Extra-special Oxtail Stew

- ½ cup enriched flour
- 1 teaspoon salt
- 1 2-pound oxtail, disjointed
- ¼ cup fat
- 1 cup tomato juice
- 1 cup water
- 1 teaspoon salt
- 4 whole allspice
- 1 bay leaf
- 1 clove garlic, minced
- 1 cup chopped onion
- 2 tablespoons lemon juice, fresh, frozen, or canned
- 1 8-ounce package wide noodles

Combine flour and 1 teaspoon salt; roll oxtail pieces in seasoned flour. Brown in hot fat. Add tomato juice, water, salt, allspice, bay leaf, garlic, and onion. Simmer 3 hours or till tender. Add lemon juice. Cook noodles in boiling, salted water. Remove allspice and bay leaf from stew. Serve stew over hot noodles. Makes 6 to 8 servings. —*Mrs. Leonard E. Weaver, Detroit, Michigan.*

BAKED PUDDINGS

Baked Hearts With Pineapple

- 2 calves' hearts (about 3 pounds)
- ½ cup chopped onion
- 3 tablespoons melted butter or margarine
- ¼ cup chopped celery leaves
- 2 cups soft bread crumbs
- ½ teaspoon salt
- ¼ teaspoon thyme
- Dash pepper
- 2 tablespoons enriched flour
- 2 teaspoons salt
- ¼ teaspoon pepper
- 4 slices bacon
- 6 pineapple slices

Clean hearts, removing arteries and veins; make pocket for stuffing. Sprinkle with salt and pepper. Cook onion in butter till golden; mix with celery leaves, bread crumbs, ½ teaspoon salt, thyme, and dash pepper. Stuff hearts. Combine 2 tablespoons flour, 2 teaspoons salt, and ¼ teaspoon pepper; dredge stuffed hearts in the seasoned flour. Place in baking pan and lay bacon strips on top. Bake covered in moderate oven (350°) 2½ hours. Uncover and add pineapple; bake 30 minutes more. Makes 6 to 8 servings.—*Mrs. Helen Lally, Golden's Bridge, New York.*

Baked puddings

(DESSERTS)

Photographs: Nelson, Photography Inc.

Date-cup Dessert

A date pudding that's deliciously moist with orange juice—

- ¼ cup shortening
- 1 cup sifted enriched flour
- ½ cup sugar
- ½ teaspoon baking powder
- ½ teaspoon soda
- ½ teaspoon salt
- ⅓ cup buttermilk
- 1 egg
- 1 tablespoon grated orange peel
- 1 cup dates, cut in pieces

• • •

- ¾ cup orange juice
- ¼ cup sugar

Stir shortening to soften; sift in dry ingredients. Add buttermilk, egg, and orange peel. Beat till smooth, about 1 minute. Add dates. Spoon into 6 greased custard cups. Bake in moderate oven (350°) 25 to 30 minutes. Combine orange juice and ¼ cup sugar. Pour over hot puddings. Let stand 15 minutes; remove from cups. Serve warm with whipped cream.—*Mrs. Charles Dean, Vernon, Michigan.*

Pineapple Puff

3 tablespoons butter or margarine
2½ tablespoons enriched flour
½ cup pineapple syrup
2 tablespoons sugar
2 tablespoons drained crushed pineapple
2 teaspoons grated lemon peel
3 well-beaten egg yolks
3 stiff-beaten egg whites

Melt butter; blend in flour. Add pineapple syrup slowly. Cook till thickened, stirring constantly. Add sugar; cool slightly. Add fruit, lemon peel, and egg yolks. Fold in egg whites. Pour into lightly greased 1-quart casserole. Set in shallow pan; pour warm water into pan till 1 inch deep. Bake in moderate oven (350°) 50 minutes or till mixture doesn't adhere to knife. Makes 5 to 6 servings.—*Elizabeth Houser, Colorado Springs, Colorado.*

Cherry Cottage Pudding

¼ cup shortening
¾ cup sugar
1 egg
1½ cups sifted cake flour
2 teaspoons baking powder
½ teaspoon salt
½ cup milk
1 No. 2 can (2½ cups) canned, pitted sour cherries, drained
¼ teaspoon almond extract
½ cup chopped California walnuts
1 recipe Cherry Sauce

Cream together shortening and sugar till fluffy. Add egg; beat well. Sift together dry ingredients; add alternately with milk, stirring just to blend. Fold in cherries, almond extract, and nuts. Pour into greased 8x8x2-inch pan. Bake in moderate oven (375°) about 45 minutes. Cut in squares; serve with hot **Cherry Sauce:** Combine ¾ cup sugar, 2 tablespoons cornstarch, and 1 teaspoon salt. Gradually stir in cherry juice plus water to make 1 cup. Add 1 cup apple juice. Cook, stirring constantly, till thick.—*Mrs. Russel R. Elsass, Waynesburg, Ohio.*

Raisin Meringue Pudding

2 cups milk
2 cups day-old bread cubes
¼ cup brown sugar
¼ teaspoon salt
2 tablespoons melted butter or margarine
1 teaspoon vanilla
2 beaten egg yolks
2 cups seedless raisins

Pour milk over bread cubes. Add remaining ingredients. Spread in greased 8x8x2-inch baking dish. Set in shallow pan; pour hot water into pan till 1 inch deep. Bake in moderate oven (350°) 50 minutes. Remove from oven; spread with Orange Meringue. Then bake 10 minutes or till meringue is golden. Makes 8 servings. **Orange Meringue:** Beat 2 egg whites till fluffy. Gradually add 3 tablespoons sugar; beat till soft peaks are formed. Fold in ¾ teaspoon grated orange peel.—*Mrs. H. A. Allen, Dayton, Ohio.*

Better Homes & Gardens Prize Tested Recipes

Variety-meat fix-ups

(MEATS)

Tongue With Cherry Sauce

The tangy sauce makes this dish extra good. You'll like it!—

1 beef tongue
½ cup brown sugar
1 tablespoon cornstarch
1 cup broth
½ teaspoon whole cloves
½ bay leaf
1 cup drained, canned pitted sour cherries
1 tablespoon lemon juice, fresh, frozen, or canned
2 tablespoons butter or margarine

Simmer tongue in salted water till tender, about 1 hour for each pound. Trim and remove skin. Cut in ¼-inch slices; place in 11½x7½x1½-inch baking dish. Mix brown sugar and cornstarch; combine with broth. Add cloves and bay leaf; cook till thick, stirring constantly. Add cherries, lemon juice, and butter; bring to a boil. Pour over tongue and bake in moderate oven (350°) 20 minutes. Each pound of tongue makes about 3 servings.—*Mrs. John P. Gallahue, Piper City, Illinois.*

A boy's favorite food that the man still loves!

Spaghetti like this is meant to be devoured . . . not just eaten!! Like a boy . . . you dive right in and get big, juicy mouthfuls. You want the flavor and aroma of the sauce to fill your mouth and go to your head. Because this spaghetti is really a *boy's* favorite food that the *man* still loves. That man of yours will never grow *old* enough or *rich* enough to lose his love for this grand-tasting dish.

There's really only *one famous* prepared spaghetti. The one whose marvelous tomato and cheese flavor lingers in the memory of men with a happy boyhood! It's called Franco-American. With the sauce that made it "a millionaire's dish for pennies a portion!" Get plenty of Franco-American Spaghetti, then watch your man eat like a happy, healthy kid again.

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Franco-American SPAGHETTI SAUCE with MEAT

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Quickies from your broiler

By Ann Hodge

When you want lots of good, piping-hot food in a hurry, turn on your roomy broiler

Hamburger Specials. Line broiler pan with a sheet of aluminum foil, and you can skip part of the cleanup job. On the rack, each bacon-wrapped hamburger hides an onion slice between two thin patties

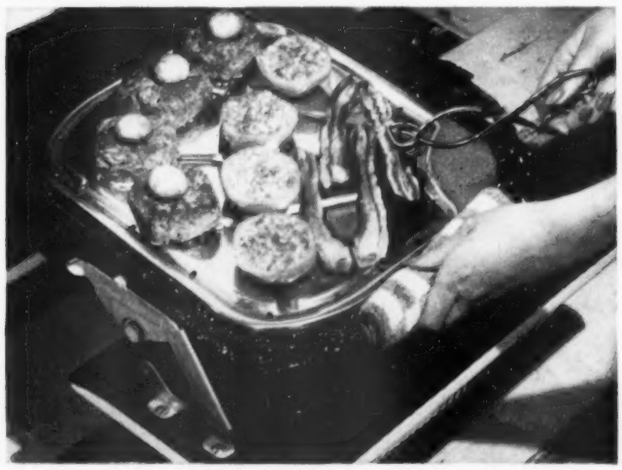
Quick Coconut Frosting. When cake comes out of the oven, set control for broiling. Leave cake in pan; it's the 9-inch square size. Spread chewy coconut topping on the warm cake. Brown in broiler

Recipes on page 92

Photographs: Photography, Inc.

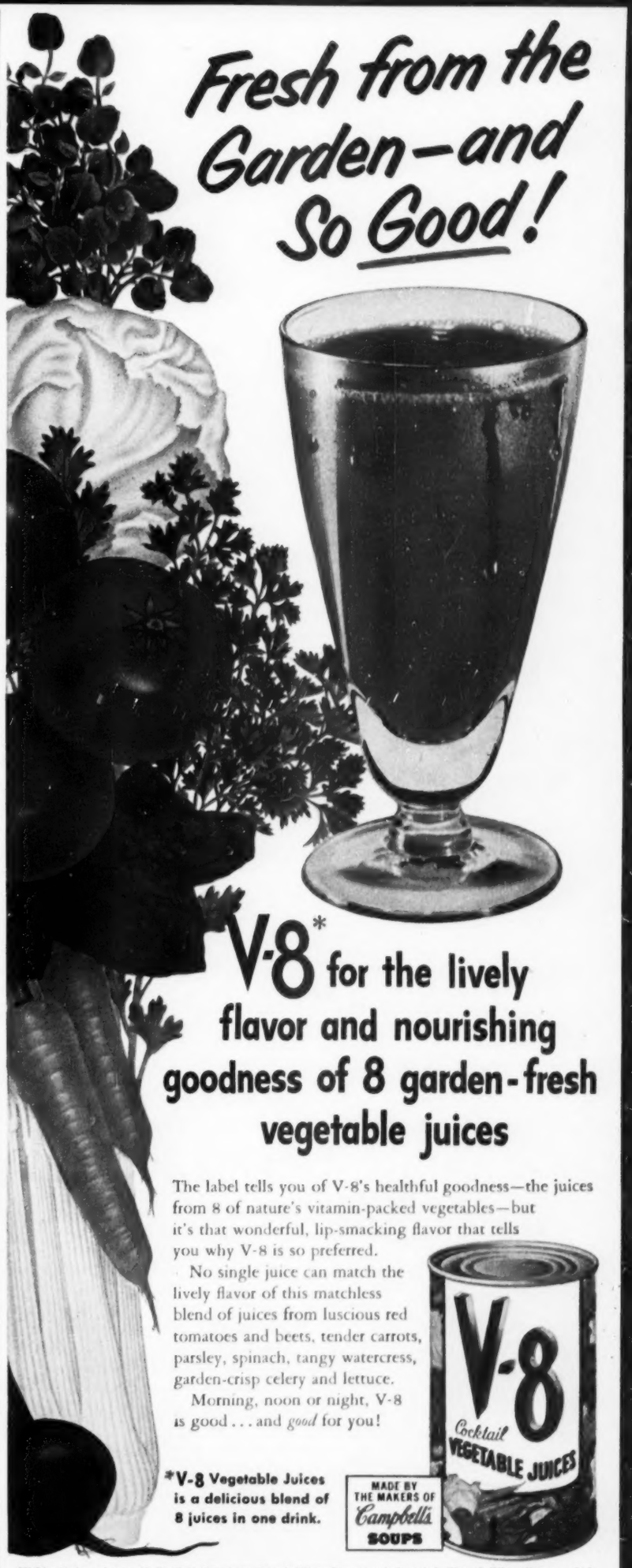
Speedy snack. Hungry youngsters will like *these* with a glass of milk. Spread crunchy peanut butter on bun halves or slices of raisin bread. Top with spoonful of marshmallow cream. Broil at low heat till brown

Dinner in 20 minutes. That's a tender ham slice under the lima beans and grated cheese. Pineapple slices brown in the broiler, too. By the time you can toss a salad and set the table, dinner is all ready

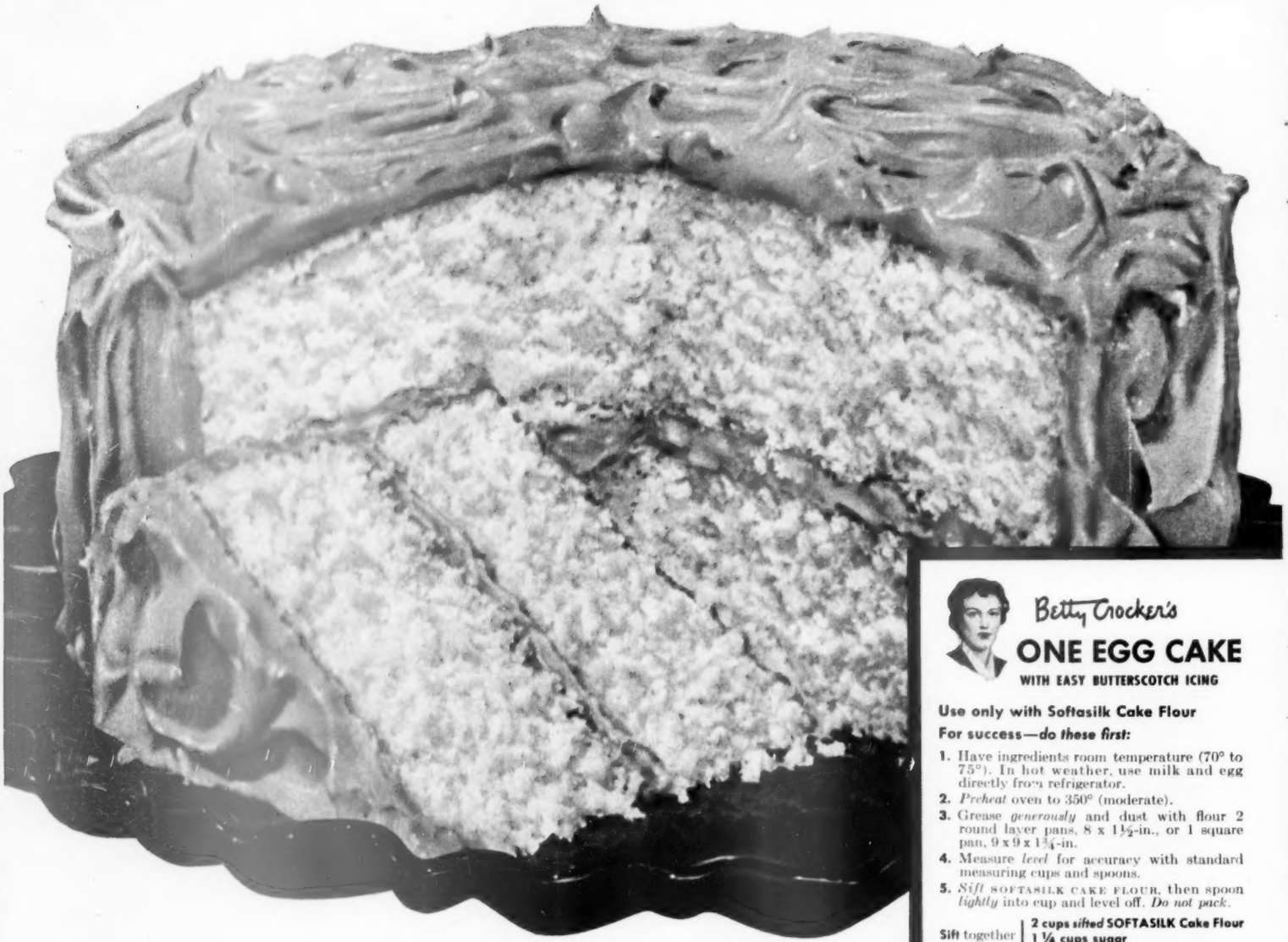


Last-minute Meal. Mixed grill like this makes an impressive dinner, but it cooks in the broiler in only 16 minutes. If your budget's in the black this week, make the grill lamb chops rather than patties

More photographs on page 91



*V-8 is a trademark owned in the United States by Campbell Soup Company; in Canada by Campbell Soup Company Ltd



Betty Crocker's

ONE EGG CAKE

WITH EASY BUTTERSCOTCH ICING

Use only with Softasilk Cake Flour

For success—*do these first:*

1. Have ingredients room temperature (70° to 75°). In hot weather, use milk and egg directly from refrigerator.
2. *Preheat* oven to 350° (moderate).
3. Grease *generously* and dust with flour 2 round layer pans, 8 x 1½-in., or 1 square pan, 9 x 9 x 1¾-in.
4. Measure *level* for accuracy with standard measuring cups and spoons.
5. *Sift* SOFTASILK CAKE FLOUR, then spoon *lightly* into cup and level off. *Do not pack.*

Sift together into bowl . . . **2 cups *sifted* SOFTASILK Cake Flour**, **1 ¼ cups sugar**, **2 ½ tsp. double-action baking powder**, **1 tsp. salt**

Add . . . . . **⅓ cup shortening**, **1 tsp. vanilla**, **⅔ cup milk**

Beat vigorously with spoon for 2 minutes by clock (about 150 strokes per minute). You may rest a moment when beating by hand; just count actual beating time or strokes. *Or* mix with electric mixer on *medium speed* (middle of dial) for 2 minutes. Scrape sides and bottom of bowl constantly.

Add . . . . . **⅓ cup milk**, **¼ cup unbeaten egg (1 large)**

Continue beating 2 more minutes, scraping bowl constantly. Pour batter into prepared pans or pan. Bake *layers 25 to 30 minutes; square cake 30 to 35 minutes* in *moderate oven* (350°). When cake is cool, frost with Easy Butterscotch Icing.

EASY BUTTERSCOTCH ICING

Melt in saucepan . . **½ cup butter**

Add . . . . . **1 cup brown sugar (packed in cup)**

Boil over low heat for 2 minutes, stirring constantly.

Stir in . . . . . **¼ cup milk**

Stir until mixture comes to a boil. Remove from heat and cool to lukewarm.

Add gradually **1¾ to 2 cups *sifted* confectioners' sugar**

Beat until spreading consistency. If icing becomes too stiff, add a little hot water to soften. Makes filling and icing for 2-layer 8-in. cake or for top and sides of 9-in. square. For top only, use half the amount of ingredients.

For altitudes over 2,000 ft., write Betty Crocker, General Mills, Inc., Minneapolis, Minn., for recipe adjustments.

Can a ONE EGG CAKE be so light, tender, rich and moist?

YES! When you use SOFTASILK CAKE FLOUR

Why Softasilk? Because most flours need *more than one egg* to get the same lightness and good eating quality you get from this Softasilk One Egg Cake! Softasilk is milled from soft, selected wheats, sifted through silk. And Softasilk has just the right amount of delicate gluten to carry the extra amounts of sugar and shortening so necessary to a delicious, rich cake. So Betty Crocker designed this one egg recipe to take advantage of these fine baking qualities in Softasilk Cake Flour.

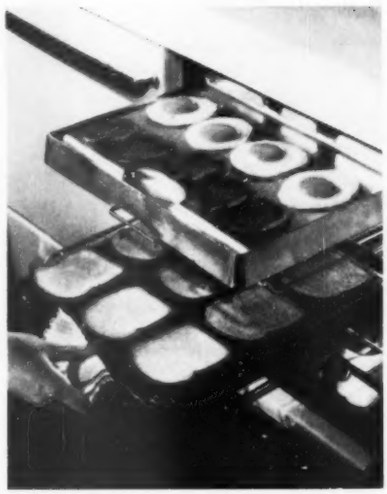
So use that one egg with this Betty Crocker recipe and glamorous, fine-textured Softasilk and we promise you a cake such as the one you see in this ad.

Any cake—Angel Food, Chiffon, Double-Quick—will benefit from these fine Softasilk qualities. Try it—you'll get much better results.

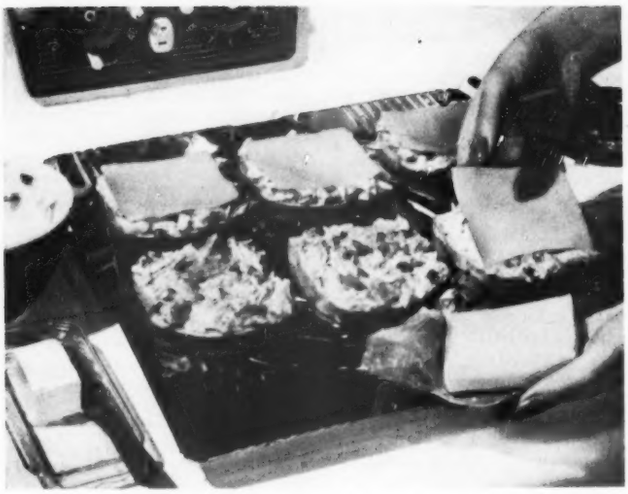
SOFTASILK CAKE FLOUR

Quickies from your broiler

Begins on page 88



Double-quick breakfast In this range a special aluminum griddle is built over the broiler unit. Pull out as shown. Fry eggs, Canadian bacon on griddle as bread toasts on regular broiler rack below.



Tasty Tuna Sandwiches. Let Junior toast one side of bread in the broiler while you concoct tuna-salad mixture. Recipe's on page 92. Top sandwiches with cheese slices. Broil at low heat till cheese melts

Streamlined appetizers. Before your party starts, fix Cheese Puffs, Sardine Canapes all ready for the broiler. Then at the last minute, brown lightly at low heat. Recipes make enough for a second round

Dessert of the year—

crowned with the best-liked peaches in the whole wide world!

Every glowing, mellow half—every juicy, tender slice of DEL MONTE Peaches tells the same sweet story: DEL MONTE *believes in giving peaches every sunny hour on the tree that Nature needs to bring them to ripe, perfect flavor.* It's easy to see—and to taste—why DEL MONTE is the world's favorite brand of peaches!

FABULOUS PEACH TORTE

- 6 eggs, separated
- ½ tsp. cream of tartar
- 1 cup sugar
- 1 tsp. vanilla
- ¾ cup sifted enriched all-purpose flour
- 1 tsp. baking powder
- 1 tsp. salt
- 1¼ cups semi-sweet chocolate pieces
- 1 #2½ can DEL MONTE Brand Sliced Peaches
- 1 cup heavy cream, whipped and sweetened with a little syrup from peaches

Beat egg whites and cream of tartar till foamy, beat in gradually ½ cup of the sugar. Beat yolks till lemon-colored; beat in gradually remaining sugar and vanilla. Mix and sift flour, baking powder and salt; fold into egg yolks. Fold in meringue and chocolate pieces. Bake in 2 greased-paper-lined 9" cake pans in moderate oven (350°F.) 25-30 min. Remove from pan, take off paper. Cool. Just before serving, put layers together with, and top with, the cream and drained peach slices. Garnish with shaved chocolate, if desired. Serves 8 generously.

Del Monte BRAND Peaches

—the brand that puts flavor first

NEW "GREAT SCOT" OVEN!

IT'S A WHOLE ROAST WIDER THAN MOST!

This Deluxe Automatic Kelvinator Electric Range — no wider than a card table — can be yours for only $2.45* a week

This new, amazingly compact 30-inch Kelvinator offers you deluxe features usually found only in higher-priced ranges. But it's priced among the lowest! The "Great Scot" oven cooks complete dinners at one time . . . *automatically*. Yet, the range itself is so trim and compact, it fits even the smallest kitchens.

GET ALL THESE DELUXE KELVINATOR FEATURES...

- **Built-in Clock and Oven-Timer** starts, times, stops oven cooking automatically.
- **Exclusive "Heat Lock" Oven Door** seals in heat for better baking, cooler cooking, savings.
- **Superfast Oven Preheat** — 350° in 5 minutes.
- **Smokeless, Radiant Heat Broiler** for tender, juicy steaks.
- **4 High-Speed Surface Units.**
- **7 Exact-Measured Heats.**
- **Range-Top Lighting** . . . Handy Appliance Outlet . . . Full-Width Storage Drawer.

*After minimum down payment.
**Mfr's. suggested price, including delivery.

Model illustrated only $229.95**

LOOK AT THE FEATURES... LOOK AT THE BEAUTY ... LOOK AT THE PRICE...

IT'S TIME TO GET

Kelvinator

Division of Nash-Kelvinator Corporation, Detroit 32, Michigan

and join the Kelvinator Parade to Better Living!

ELECTRIC REFRIGERATORS, RANGES, HOME FREEZERS, WATER HEATERS, KITCHEN CABINETS & SINKS, GARBAGE DISPOSERS, ROOM AIR CONDITIONERS, DEHUMIDIFIERS

Quickies from your broiler

Continued from preceding page

Hamburger Specials

Top each with a tomato slice; slide into buttered, toasted bun—

2 teaspoons salt
Dash pepper
2 pounds ground beef
6 onion slices, cut paper thin
6 bacon slices

Mix seasonings with the ground beef. Then pat out 2 patties for each juicy burger. To get nice even ones, use your ⅓-cup measuring cup. Level full, it will be enough for one patty. Pat each one out thin to 4½ inches diameter. You can do this with your fingers, or put the ball of meat between two pieces of waxed paper; roll out thin with a rolling pin. Then place onion slice between 2 patties. Or, if you like lots of onion, use thick slices browned in fat. Seal edges of patties well. Wrap the patties with bacon slices. Fasten each with a toothpick. Now broil or grill each side 6 to 7 minutes for rare hamburgers, 9 to 10 minutes for medium-done. Serves 6.

Quick Coconut Frosting

A chewy, rich butterscotch topping—

6 tablespoons butter or margarine
⅔ cup brown sugar
¼ cup cream
1 cup shredded coconut
½ teaspoon vanilla

Melt butter in saucepan. Remove from heat, add sugar, and blend. Stir in cream, coconut, and vanilla. Spread over warm 9-inch square cake still in pan. Brown lightly in broiler.

Ham-slice Dinner

Tastes just as delicious as if you'd been home cooking all afternoon—

1 ham slice, ¾ inch thick
1 No. 2 can (2½ cups) canned lima beans or 1 12-ounce package frozen lima beans
Salt and pepper
2 cups grated American cheese
6 slices pineapple
1 tablespoon melted butter or margarine

Broil ham 3 inches from heat 10 minutes; turn and broil other side 10 minutes. Meanwhile, heat canned limas or cook frozen limas; drain; season, and pile on ham. Sprinkle with cheese. Place pineapple slices around ham and brush them with melted butter. Return to broiler 4 inches from heat. Reduce heat and broil until pineapple browns and cheese melts and browns lightly. Serves 4 to 6.

Last-minute Meal

Ground meat for an inexpensive mixed grill—

1 pound ground lamb or beef
2 medium-sized tomatoes
2 tablespoons dry bread crumbs
2 tablespoons grated American cheese
1 teaspoon chopped onion
4 slices bacon
4 mushroom caps

Shape ground lamb or beef into 4 patties. Broil one side 8 minutes for well done. Season, turn, and broil 3 minutes. Halve unpeeled tomatoes; sprinkle cut side with mixture of crumbs, cheese, and onion. Arrange tomato halves and bacon on broiler rack. Top patties with mushrooms. Broil till bacon is done—about 5 minutes. Season second side of patties. Serves 4.

Tasty Tuna Sandwiches

Make them for Sunday-night supper—

1 6½- or 7-ounce can (1 cup) tuna, flaked
2 tablespoons chopped onion
2 tablespoons chopped pickle
2 tablespoons mayonnaise
6 slices American cheese

Combine tuna, onion, pickle, and mayonnaise. Butter 6 slices bread or split 6 round flat buns and butter them. Spread with tuna mixture. Top with slice of cheese. Broil 3 minutes at low heat or until cheese melts. Serves 6.

Cheese Puffs

Use cooky cutters to make fancy shapes—

1 8-ounce package pimiento cheese
1 well-beaten egg
Salt and pepper

Blend cheese and egg; season to taste. Make bread cutouts. Toast on one side; brush other side with melted butter. Spread with cheese mixture. Just before serving, broil until brown and puffed. About 35 appetizers.

Sardine Canapes

Serve very hot—

2 3¼-ounce cans sardines
½ cup grated Parmesan cheese
Prepared mustard

Drain sardines; roll in grated cheese. Toast strips of bread on one side. Spread other side with prepared mustard and top with sardines. Just before serving, broil till lightly brown. About 12 canapes.

It is possible . . .

. . . that your subscription is about to expire!

Here's how you can find out.

The last issue we can mail on your current subscription is indicated by the last numbers in the first line of your address label. If the read "4-53," for example, your subscription expires with the April, 1953 issue.

For uninterrupted delivery of *Better Homes & Gardens*, you should renew your subscription at least two months before it expires. Your renewal will be entered promptly if you send us your address label clipped from a recent cover, together with your payment of $3 for 1 year, $5 for 2 years, or $7 for 3 years. Just address your renewal to *Better Homes & Gardens*, Des Moines 3, Iowa.

WHETHER it's the juice of luscious, ripe tomatoes—or of golden oranges or tangy grapefruit—you are always sure of top quality when you see the name Sexton.

John Sexton & Co., Sexton Square, Chicago, Ill.

JOLLY TIME CRISP-TENDER ALWAYS POPS POP CORN

GRAVY MASTER sign of good gravy

Easy-Off® OVEN CLEANER

CUTS OVEN GREASE LIKE MAGIC!

• NO SCRUBBING! • NO STEEL WOOL! • NO RAZOR BLADES! • NO AMMONIA!

Just spread on EASY-OFF—the amazing non-flammable miracle jelly—and even hard-crusted, "baked-on" grease washes off like magic. Leaves oven racks, sidewalls, burners all sparkling clean! At your favorite store. Get EASY-OFF today!

You Save 40¢ on the Big Economy-Size Jar

Only 69¢... Economy Size 98¢

Dessert beauties

Begins on page 72

meringue. Another delicious choice—the Polka-dot Parfait Cups (top right) decked out in gold lace-paper frills.

Now look at the pineapple-and-cherry-trimmed Sunshine Refrigerator Cake (at right in the picture). It's pieces of airy angel cake held together by a jellied pineapple custard; center is filled high with whipped cream. Next comes Lime Delight, a gelatine dessert atop chocolate-wafer crumbs and garnished with shaved chocolate curlicues. Last, see the Date Crunch Squares (top left). They're fruity, chock-full of nuts. Serve each one with a big puff of whipped cream.

Now for the recipes. They are luscious make-aheads! Try them all to delight family and friends.

Strawberry Sweethearts

A wonderful frozen dessert that could be a salad if you serve it on lettuce—

- 2 3-ounce packages cream cheese
- 1 cup heavy cream, whipped
- 1 cup mayonnaise
- ¼ pound (about 16) marshmallows, cut fine
- 1 12-ounce package frozen strawberries, thawed and drained
- 1 cup chopped pecans
- 1 No. 2 can (2½ cups) crushed pineapple, drained
- Frozen strawberries, thawed

Stir cream cheese to soften, adding a little of the whipped cream. Then fold cream cheese into remaining whipped cream. Fold in remaining ingredients. Pour into 10 heart-shaped molds (or use refrigerator trays). Freeze till firm. To serve, stack 2 molds and garnish with halved or whole strawberries. Makes 5 servings.

Cherry Chiffon Loaf Cake

A natural for February—tender cake flecked with cherries and nuts—

- 1 cup plus 2 tablespoons sifted cake flour
- ¾ cup sugar
- 1½ teaspoons baking powder
- ½ teaspoon salt
- ¼ cup salad oil
- ¼ cup cold water
- 2 egg yolks
- 2 tablespoons maraschino-cherry syrup
- ½ teaspoon vanilla
- ½ cup (4) egg whites
- ¼ teaspoon cream of tartar
- ¼ cup finely chopped California walnuts
- ¼ cup finely chopped maraschino cherries, well drained

Sift flour, sugar, baking powder, and salt into bowl. Make well in center; add salad oil, water, egg yolks, cherry syrup, and vanilla. Beat till smooth. Beat egg whites with cream of tartar till very stiff peaks are formed. (Do not underbeat.) Fold first mixture into egg whites. Fold in nuts and cherries. Pour into ungreased 9½x5x3-inch loaf pan. Bake in slow oven (325°) 50 to 55 minutes. Invert and cool. Frost with **Cherry Fluff Frosting:** Place 2 egg whites, 1½ cups sugar, 3 tablespoons maraschino-cherry syrup, 3 tablespoons water, ¼ teaspoon cream of tartar, and dash of salt in top of double boiler. Beat 1 minute with electric mixer or ro-

[*Turn to page 103*

Let tomorrow morning start bright—and right—with the rich aroma, the golden brown 'n' buttery goodness of *raisin bread toast*

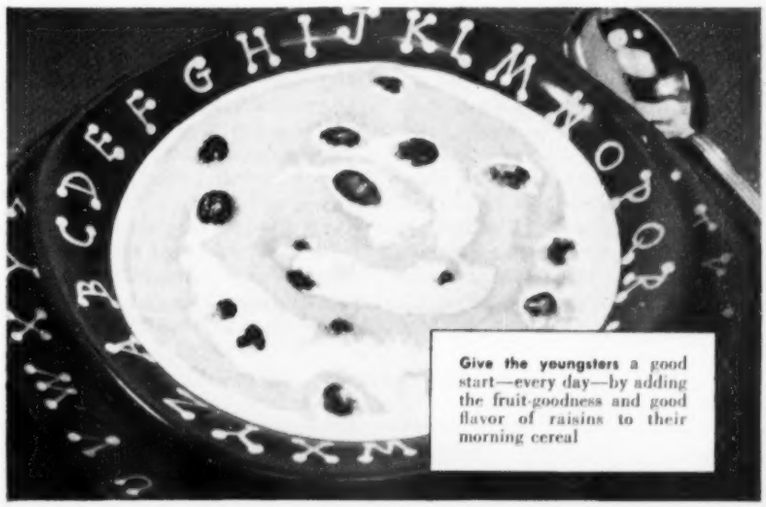
The "good morning" here is—

RICH WITH RAISINS

RAISIN BREAD *toasted* . . . spicy-fragrant . . . with butter melting through it...and the fruit-richness of raisins in every bite. M-m-m! There's goodness that makes for eager eating.

The same goodness comes when you add raisins to the morning cereal. It makes a *good* "good morning." For raisins give a rich, fruit flavor . . . provide the quick energy of natural fruit sugar . . . and the healthfulness of iron and other essential minerals.

CALIFORNIA RAISIN ADVISORY BOARD, FRESNO, CALIFORNIA

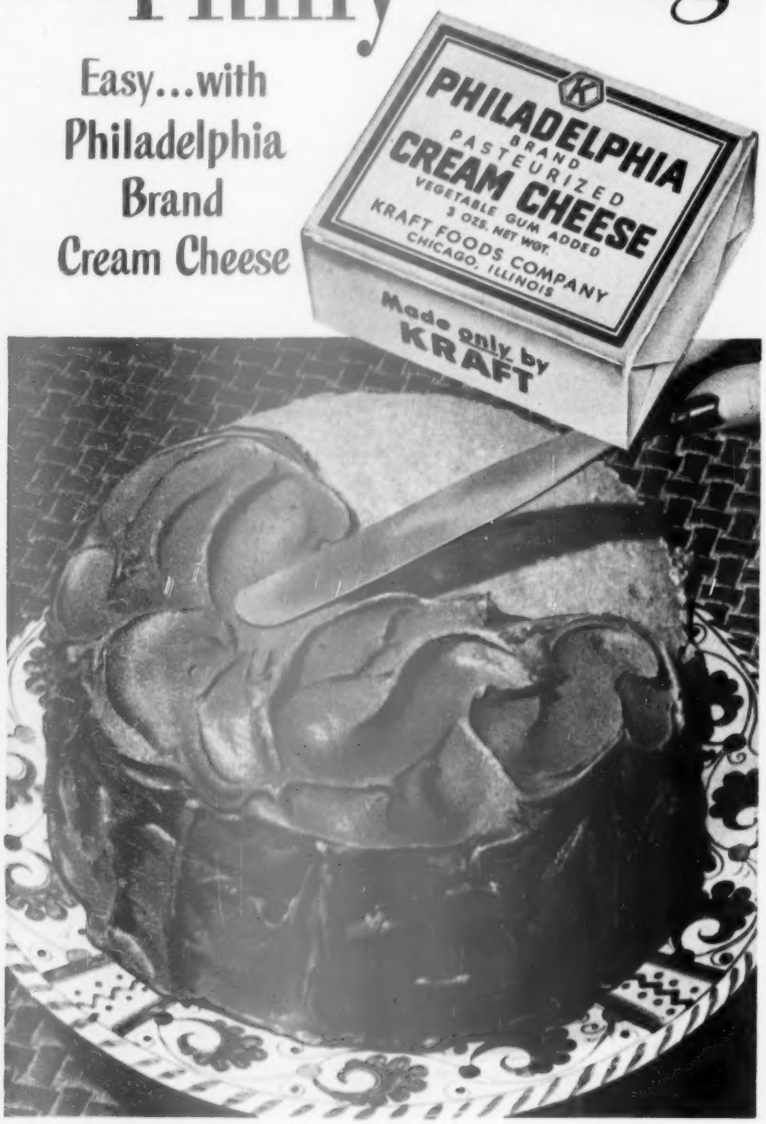


Give the youngsters a good start—every day—by adding the fruit-goodness and good flavor of raisins to their morning cereal

MOST LUSCIOUS CHOCOLATE TOPPING YOU EVER SPREAD ON A CAKE!

It's a "Philly" *frosting*

Easy...with Philadelphia Brand Cream Cheese



Here's the kind of frosting chocolate-lovers dream about! Satin-smooth, rich, really chocolate-y! *Never* grainy or runny or too hard! Always *just perfect*. Keeps beautifully at room temperature! And *so easy!*

The secret is the world's richest-tasting, freshest-tasting *cream cheese*—famed Philadelphia Brand, and this easy recipe:

For filling and frosting an 8-inch 2-layer cake, blend 1 tbsp. of milk into one 3-oz. package of Philadelphia Brand Cream Cheese or 6 level tbsps. from the ½-lb. package. (Accept *no* substitute because you *must have* the extra richness and delicacy of genuine Philadelphia Brand.) Gradually blend in 2½ cups sifted confectioners' sugar. Add 1 square unsweetened chocolate (melted and slightly cooled), 1 tsp. vanilla, dash of salt, and mix again.

Try it—and take your bows as a prize cook! And mail the coupon *now* for your *free* recipe booklet that tells you how to make 18 thrilling flavors of "Philly" frostings!

FREE Recipe Booklet—shows you how to make 18 different Philly Frostings! Use the coupon on the right hand page *now*.

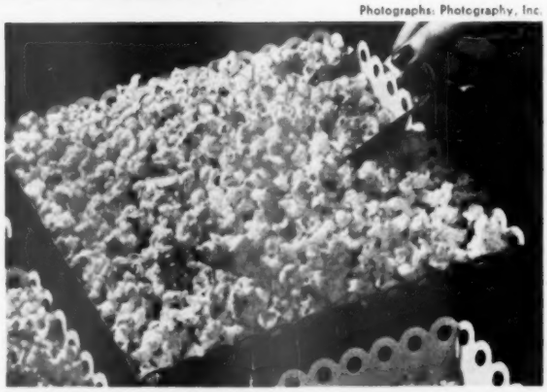
A scoop on real scoops

Cute midget scoop helps you to a serving of salted nuts. Fun for serving tiny candies, too. This scoop matches the sleek wooden trough. Use troughs for salad dishes, popcorn and relish servers

Scoop up double deckers for folks who like chocolate *and* vanilla! The "cones" are chocolate-wafer crumb crust, shaped and chilled in custard cups or in muffin pans.

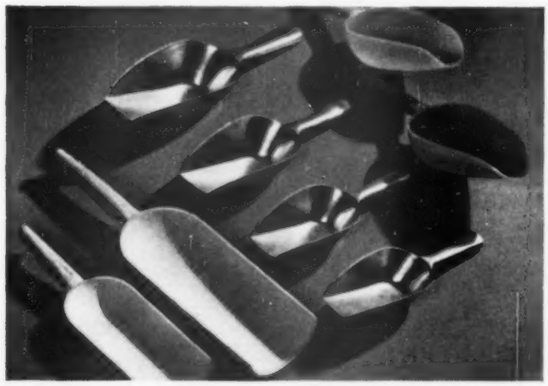
Ice-cream dippers come in any size you like—from Number 30, smallest, to Number 10, the largest. The number tells you how many dips you can get from a gallon.

Photographs: Photography, Inc.

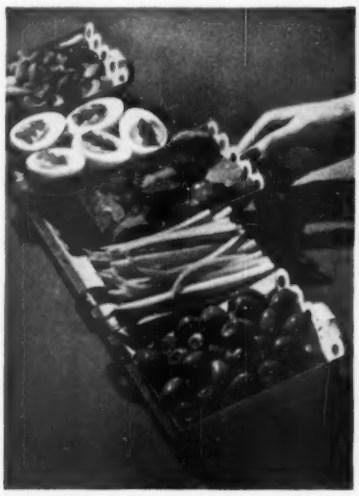


Hand-decorated, metal popcorn set has little scoop for refills. Everyone gets a small metal basket heaped high with hot, buttered popcorn. Large basket holds plenty for seconds. Set has scalloped edge. Choose from white, red, maize, or turquoise

You'll find more uses for scoops than you can imagine. Some serve you in the kitchen, some come to the dining table, others are for decoration



Heave ho with scoops for every need! Those long, wooden dipper-uppers have beveled edge to scoop neatly into sugar or flour. Center, you see nesting scoops of polished aluminum from bitsy to big. The plastic scoops, at top, come in cheery kitchen colors



Big scoops play big parts! Line up a row of these feather-light metal scoops. Load each with a relish treat for your party or picnic.

Tray makes it a one-trip jaunt to dining room or garden table. Pass the servers.

New use for a cranberry picker! You'll find it will make a charming planter decoration for any wall.

Even now, larger scoops like these help harvest the cranberries. The picker's pronged ends rake the berries from their stems; closed end catches them.

MAKE NEVER-FAIL FUDGE IN 15 MINUTES

It's "Philly" *fudge!*

You do this magic with Philadelphia Brand Cream Cheese

In a bowl, cream 6 level tbsps. of Philadelphia Brand Cream Cheese (or the entire 3-oz. package). *Be sure* it's genuine Philadelphia Brand, because for fudge you must have the special richness of Philadelphia Brand. Slowly blend in 2 cups sifted confectioners' sugar. Then thoroughly mix in two 1-oz. squares of melted unsweetened chocolate, ¼ tsp. vanilla, dash of salt, ½ cup chopped pecans. Press into a well-greased pan and place in refrigerator until firm (about 15 min.). Cut into squares of wonderful, wonderful fudge.

FREE Recipe Booklet!

Kraft Kitchen, Dept. B-22—Box 6567—Chicago 77, Ill.

Please send me the new booklet showing how to make 18 kinds of Philly Cake Frostings and 5 different kinds of Philly Fudge.

NAME _____

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It's a treat
for the family

Try this new Ice Cream Pie discovery

Cherry Vanilla Ice Cream in a Chocolate-Coconut Pie Crust
Easy—no baking—delicious

Just mix this Chocolate-Coconut Crust, following the great new Baker's recipe on the opposite page. Pat it into a pie pan. Chill—then *Fill* with Cherry Vanilla ICE CREAM. Discovery? It's a dream!

FIRST IN FOODS

Ice cream and other dairy foods are 30% of all you eat yet cost only 15¢ of each food dollar.

AMERICAN DAIRY ASSOCIATION
"Voice of the Dairy Farmer"
20 N. Wacker Drive Building • Chicago 6, Illinois

Luscious new no-bake pie crust recipe!

CHOCOLATE-COCONUT CRUST

Made with your two favorites

BAKER'S CHOCOLATE and BAKER'S COCONUT

Here's pie crust straight from your childhood dreams! A luscious, magic blending of rich, dark Baker's Chocolate and tender-moist, flavor-fresh Baker's Coconut!

And it's so *easy!* Just mix it, pat it into a pie pan, and chill! Keeps for days in your refrigerator.

CHOCOLATE-COCONUT CRUST

2 squares Baker's Unsweetened Chocolate
2 tablespoons butter
2 tablespoons hot milk or water
⅔ cup sifted confectioners' sugar
1½ cups Baker's Coconut; cut, toasted or plain

Melt chocolate and butter in top of double boiler, stirring until blended. Combine milk and sugar. Add to chocolate mixture, stirring well. Add coconut and mix well. Spread on bottom and sides of greased 9-inch pan. Chill until firm. Fill with ice cream, cream pie filling, or chiffon filling.

Products of General Foods

Whether your guests prefer canasta or bridge, you'll enjoy a "grand slam" as a hostess with easy-to-prepare Maine Sardine sandwiches and canapes.

Everyone enjoys the finer flavor of Maine Sardines caught in the cold, clear waters of the North Atlantic.

Maine Sardines are delicious and nourishing in dishes such as casseroles, croquettes, omelets and loafs . . . with rice, cheese, eggs, macaroni and many vegetables. They're packed in purest vegetable salad oils, mustard and tomato sauces . . . in modern sanitary plants under rigid Government inspection.

Your grocer is now offering Maine Sardines at new lower prices. Stock up and save.

FREE *62 interesting, easy-to-make recipes with full-color illustrations.*

MAINE Sardines

Remember the name—MAINE
For sardine value you won't forget!

MAIL TODAY! L-4
Maine Sardine Industry, Augusta, Maine
Please send me a free copy of the new Maine Sardine Recipe Book.
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THE LOW-COST HIGH PROTEIN FOOD

Glamour foods from your chafing dish

Begins on page 76

You'll find chafing dishes in many handsome styles from tiny ones for individual servings to jumbo size for more than 20. And they come with different kinds of heating devices, too. For actual cooking at the table, most people vote for heat you can adjust, as the alcohol burner, canned heat, and the electric unit with heat control.

Types to look for

Some chafing dishes are actually a double boiler (*bain-marie*) with water pan and a cooking pan (blazer). The cooking pan can be used directly over the flame for browning or for foods that don't require the gentle heat of the *bain-marie*. Other chafing dishes are the deep skillet type with just one pan.

Then there are food warmers, often pottery casseroles, heated by candle or alcohol burners. These keep cooked foods at serving temperature on the buffet. You may also use a double-boiler chafing dish for the same purpose.

Choice of recipes

So you won't keep hungry folks waiting too long while you cook, choose a quick-to-make recipe. And get most of the fixing out of the way before the doorbell rings. Set the ingredients you'll add before guests near the chafing dish. And remember, part of the fun is collecting tiny dishes and pans to hold these ingredients. Choose conversation pieces that will help make a stunning picture.

Look below for our delicious recipes that let you show off your cooking art. Happy hostessing!

Chafing Chuck

Let the man of the house make this tasty dish his specialty!—

- 1 12-ounce package frozen lima beans
- 1 pound ground beef
- 1 clove garlic, minced
- 2 tablespoons cornstarch
- 1½ teaspoons sugar
- 1 teaspoon monosodium glutamate
- 2 tablespoons soy sauce
- Few drops Tabasco sauce
- ½ cup water
- 2 tablespoons salad oil
- 1 teaspoon horse-radish

Cook frozen lima beans as directed on package; drain. Combine beef with garlic, cornstarch, sugar, seasonings, and water. Heat oil in chafing dish over direct flame. Add meat mixture and cook, stirring constantly, till meat is no longer pink, about 12 minutes. Add cooked lima beans and horse-radish. Continue cooking for about 4 minutes or until heated through, stirring constantly.

Apple Jamboree Dessert

- 5 to 6 apples
- 3 tablespoons butter or margarine
- ½ cup apricot jam
- 1 teaspoon vanilla
- ¼ teaspoon lemon juice, fresh, frozen, or canned
- ¼ cup slivered blanched almonds

Peel, core, and quarter apples. Simmer in water 5 to 7 minutes or till tender but still firm; drain. Melt butter in chafing dish over direct flame. Add apples. Cook, lifting and turning apples carefully, till light golden brown, about 3 to 5 minutes. Add jam, vanilla, lemon juice, and almonds. Heat thoroughly, stirring constantly.

kill

smoking odors!

Stop smoking odors before they run rings around you! No butts about it—**air-wick** kills typical indoor odors 3 times as effectively as other deodorizers tested! Get **air-wick** today.

air-wick *

The product that made **chlorophyll** a household word. Makes every room in your home clean-smelling and pleasant.

*air-wick IS A TRADEMARK OF SEEMAN BROTHERS, INC.
©1953, SEEMAN BROTHERS, INC., NEW YORK, N.Y.

Fluffy Cooked Rice

- 1½ cups rice
- 3 cups cold water
- ¾ to 1 teaspoon salt

Put rice, water, and salt in 3-quart saucepan; cover with a tight-fitting lid. Bring to a vigorous boil; then turn heat as low as possible. Continue to cook 14 minutes. Turn off heat; allow rice to steam with heat off for an additional 5 minutes before removing the lid. Serve in chafing dish. Makes 6 servings.

Puris

- 2 tablespoons shortening
- 2 cups sifted enriched flour
- ½ teaspoon salt
- ½ cup grated American cheese
- ½ to ⅔ cup water

Cut shortening into flour and salt. Add cheese. Stir in water to make a soft dough. Knead and pound dough for about 10 to 15 minutes. Cover and let stand ½ hour. Roll very thin on lightly floured surface. Cut in 2½-inch circles. Fry in deep, hot fat (400°) till puffed and golden brown, turning once. Drain on paper towels. Keep them warm in very slow oven, or warm just before serving time. Makes 12 to 14.

Curry of Shrimp

- ⅓ cup butter or margarine
- ½ cup chopped onion
- ¼ cup chopped green pepper
- 2 cloves garlic, minced
- ¾ teaspoon salt
- 2 teaspoons curry powder
- Dash chili powder
- Dash pepper
- 2 cups sour cream
- 2 teaspoons lemon juice, fresh, frozen, or canned
- ½ teaspoon ginger
- 4 cups cleaned cooked or canned shrimp (2½ pounds fresh or frozen shrimp)

Melt butter. Add onion and green pepper; cook for about 3 minutes. Add minced garlic and seasonings; cook 2 minutes, stirring constantly. Add sour cream, lemon juice, and ginger. Cook 10 minutes or till thoroughly heated, stirring constantly. (This sauce is traditionally thin so it can be absorbed by the rice at serving time.) Add shrimp and cook till piping hot. Keep hot in chafing dish till guests arrive. Serve over Fluffy Cooked Rice. Makes 6 servings.

Stuffed Mushrooms

Piping hot and as good as they are unusual—

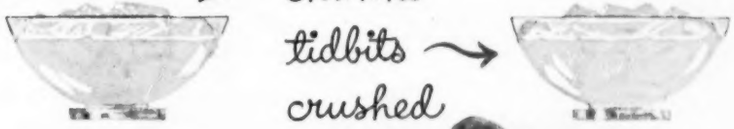
- 1½ tablespoons finely diced onion
- 1 tablespoon butter or margarine
- ¼ cup soft bread crumbs
- ¼ cup chopped California walnuts
- 1½ teaspoons chili sauce
- 1½ teaspoons lemon juice, fresh, frozen, or canned
- ½ teaspoon salt
- Dash pepper
- 6 to 8 large canned mushrooms

Cook onion in butter over low heat till tender but not brown. Stir in remaining ingredients except mushrooms. Stuff mushroom caps. Brush with melted butter. Broil till golden brown. Serve hot.

No such thing as an "everyday" meal when you set out...

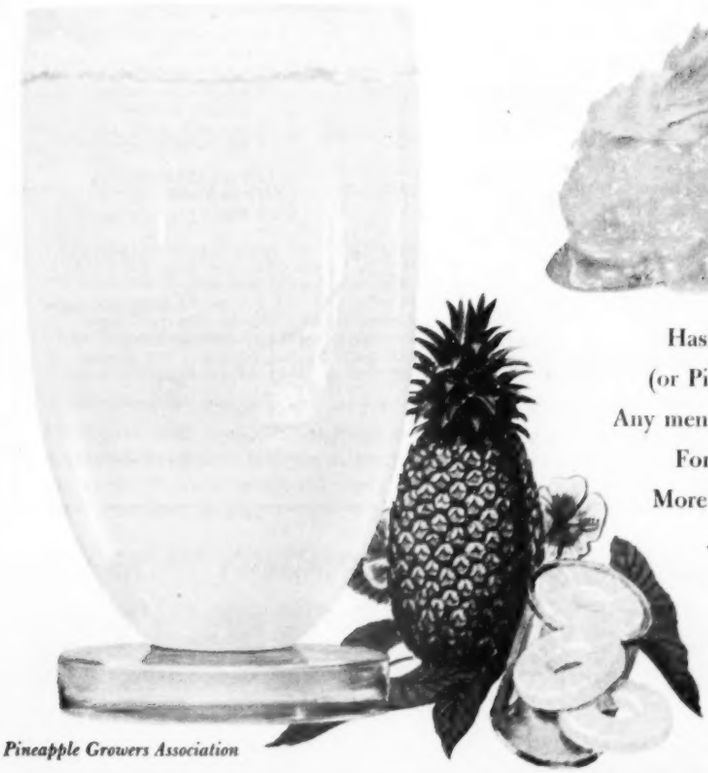
Pineapple

with Nature's most refreshing flavor



← chunks
tidbits →
crushed

For 8-inch pie, use #2 can of Crushed Pineapple and follow any fruit pie recipe



Hasn't it been too long since you've savored the taste of Pineapple pie (or Pineapple broiled, with meat... or Pineapple juice for breakfast)? Any menu, dish and meal comes wide-awake with this unique and tropic fruit. For in Pineapple Nature stores her most *refreshing* flavor! More than any other fruit, canned Pineapple is kept on hand in America's home pantries. It's canned for you 5 tempting ways... provides quick food energy, protective vitamins and minerals, in sunny fruit and shining juice. Fetch canned Pineapple from your shelf whenever you need a perker-upper. Costs so very little for all the enjoyment it gives!

Pineapple Growers Association

WIN $20,000 CASH-TELL WHY YOU LIKE HER NEW

They're entirely NEW! Fried like doughnuts, sugared like doughnuts, but so easy and quick to make. Simply delicious when made with Gold Medal Flour and Wesson Oil.

Betty Crocker SUGARED GOLDEN PUFFS

Take a FRYRYTE or a deep pan and make some now!

Homemakers who tested this newest Betty Crocker recipe marveled at the ease and speed of making these delicious Golden Puffs. It's an easy recipe that calls for Wesson Oil, the modern liquid shortening, and Gold Medal, the dependable all-purpose flour.

Betty Crocker tailored this recipe to fit the superior baking qualities of Gold Medal—the flour that guarantees you perfect results every time—the flour with baking qualities that never vary, sack after sack, month after month.

Wesson frying is quicker. No digging out solid shortening and waiting for it to melt. More digestible — because Wesson heats higher and browns quicker. And Wesson's delicacy brings out the fine flavor of foods you fry.

Sift together
- **2 cups *sifted* GOLD MEDAL Flour**
- **1/4 cup sugar**
- ***3 tsp. double-action baking powder**
- ***1 tsp. salt**
- **1 tsp. nutmeg or mace**

Add
- **1/4 cup WESSON OIL**
- **3/4 cup milk**
- **1 egg**

Stir with a fork until thoroughly mixed. Drop by teaspoonfuls (too large puffs will not cook through) into deep hot Wesson Oil or fat...375°**. Fry until golden brown ...about 3 min. Drain on absorbent paper. Roll warm puffs in cinnamon-sugar or glaze puffs by dipping into a thin confectioners' sugar icing. *Makes about 2½ doz.*

**If you use Gold Medal Self-Rising Flour (sold in parts of the South), omit baking powder and salt.*

***Wesson Oil or fat is 375° when a 1-in. bread cube browns in 40 seconds.*

SUCCESS TIP: *If too many puffs are cooked at a time, the fat cools and the puffs will become grease-soaked.*

AMERICA'S FAVORITE ALL-PURPOSE FLOUR

GOLD MEDAL "Kitchen-tested" ® ENRICHED FLOUR

BETTY CROCKER "GOLDEN PUFFS"

$179,750 IN CASH AND PRIZES

FIRST PRIZE $20,000
SECOND PRIZE $5,000
5 THIRD PRIZES $1,000

5000 DULANE ORIGINAL Fryryte® PLUS AUTOMATIC ELECTRIC DEEP FRYERS

- ONE OF AMERICA'S MOST WANTED APPLIANCES
- DEEP FRIES A MEAL IN MINUTES
- RETAIL FAIR TRADE PRICE, $29.95

The DULANE FRYRYTE brings new ease and convenience to cooking. It deep fries over a hundred exciting dishes—electrically, automatically, speedily. Brings out food flavors—retains vitamins. FRYRYTE's thermostatic heat control protects oil for repeated use. No messy pots or pans to scour.

LOOK!

Here's what men, women and children say about Golden Puffs:

- "Golden Puffs are delicious and so easy to make."
- "Awfully good—I serve them with coffee while watching TV."
- "My family liked them so much—the children asked for Golden Puffs in their school lunches."
- "My husband devoured six. So delicious."
- "Served them at coffee party. Everyone copied the recipe."

Make 'em with Gold Medal Flour and Wesson Oil and your family will give you the words of praise which may help you win one of 5007 prizes!

EASY CONTEST RULES

1. On entry blank or sheet of paper, complete in 25 additional words or less: "I like Betty Crocker Golden Puffs because...". Sign your name. Also, print your name and address beneath your signature and enclose the blue General Mills flag cut from the front of a bag of GOLD MEDAL Flour or the label from a bottle of WESSON OIL. Mail to Betty Crocker "Golden Puffs" Contest, Box 200, Minneapolis, Minnesota.
2. Send as many entries as you wish, but each entry must be accompanied by either a WESSON OIL label or the blue flag from the front of a bag of GOLD MEDAL Flour. Only one prize will be awarded to members of a household.
3. Entries must be postmarked on or before February 28, 1953 and received by March 14, 1953.
4. Entries will be judged on the basis of originality, uniqueness, aptness of thought and clearness. Each entry must be the original work of the contestant, submitted in his own name and with his own signature.
5. Judges' decisions are final. Duplicate prizes in case of ties. All entries become the property of General Mills, Inc.
6. Contest open to all residents of the United States, including its territories, except employees of General Mills, Inc., Wesson Oil and Snowdrift Co., Inc., and its subsidiary companies, their advertising agencies, the organization handling and judging the contest and their families.

A list of prize winners will be available approximately six weeks after the close of the contest to all who send in a request accompanied by a 6¢ stamped, self-addressed envelope to: General Mills, Inc., Dept. 80, 623 Marquette Avenue, Minneapolis 2, Minnesota.

ENTRY BLANK

BETTY CROCKER "GOLDEN PUFFS" CONTEST
(BOX 200, MINNEAPOLIS, MINN.)

I like Betty Crocker Golden Puffs because _____

_____

_____

(COMPLETE IN 25 ADDITIONAL WORDS OR LESS)

NAME _____ (YOUR SIGNATURE)

NAME _____ (PLEASE PRINT)

ADDRESS _____ (PRINT)

CITY _____ (PRINT) ZONE _____ STATE _____

AMERICA'S FAVORITE LIQUID SHORTENING

WESSON OIL®

You really have to dip into the bowl to find out how good this corn chowder is. The secret of its wonderful flavor, of course, is new Green Giant Brand Cream Style Corn. This is rich, creamy corn grown from the same exclusive D-138 seed as those famous Niblets Brand kernels. Try this Green Giant recipe and see what he's done to make your life sweeter and tenderer.

Green Giant BRAND CREAM STYLE Corn

Green Giant Company, headquarters, Le Sueur, Minnesota; Fine Foods of Canada, Ltd., Tecumseh, Ontario

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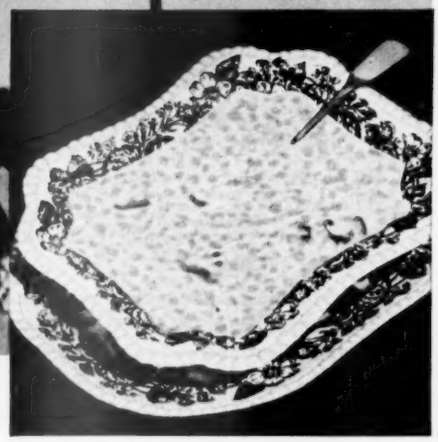

CORN CHOWDER À LA GREEN GIANT

- 2 tablespoons diced salt pork or bacon
- ½ cup diced onion
- 1 cup diced celery
- 3 tablespoons flour
- 4 cups milk, scalded
- 1-17-ounce can Green Giant Brand Cream Style Corn
- 1½ cups finely diced cooked potatoes
- 2 teaspoons salt
- ¼ teaspoon pepper
- 1 teaspoon Worcestershire sauce —if desired
- 2 tablespoons minced parsley

Cook salt pork cubes until golden brown; add onion and celery, and cook until tender and lightly browned. Add flour and blend. Gradually add hot milk while stirring, and cook slowly until thickened, stirring constantly. Add corn, potatoes, seasoning, Worcestershire sauce, and blend. Heat through, stir in minced parsley and serve in warm soup bowls. Serves 6.

Dessert beauties

Continued from page 93

tary beater. Place over boiling water; beat constantly until frosting forms peaks, about 7 minutes. Remove from boiling water. Pour into mixing bowl if you desire. Add 1 teaspoon vanilla; beat until of spreading consistency, about 2 minutes. Frosts top and sides of 9½x5x3-inch loaf or top and sides of two 9-inch layer cakes.

Red-raspberry Torte

So pretty folks will say, "Too bad you have to cut it!"—

- 4 well-beaten egg yolks
- ½ cup sugar
- ¼ cup lemon juice, fresh, frozen, or canned
- ¼ cup water
- 1 tablespoon (1 envelope) unflavored gelatine
- ¼ cup cold water
- 4 egg whites
- ½ cup sugar
- 1 12-ounce package frozen red raspberries, thawed and drained
- Few drops red food coloring
- 1 baked Meringue Shell

Combine egg yolks, ½ cup sugar, lemon juice, and ¼ cup water. Cook in double boiler till thick, stirring constantly. Soften gelatine in ¼ cup cold water; add to hot mixture and stir till dissolved. Chill till partially set. Beat egg whites till soft peaks are formed, add ½ cup sugar gradually, beating till stiff peaks are formed. Fold in berries. Fold egg-white mixture into egg-yolk mixture, adding a few drops of food coloring. Pour into cooled **Meringue Shell:** Beat 3 egg whites with ½ teaspoon vinegar, ¼ teaspoon vanilla, and dash of salt until stiff. Add 1 cup sugar gradually, beating till mixture forms very stiff peaks. Cover baking sheet with plain paper; spread meringue in a 9-inch circle on the paper. (For fancy edge, put meringue through a pastry tube.) Bake in slow oven (300°) 40 to 45 minutes. Cool. Makes 6 servings.

Sunshine Refrigerator Cake

Serve it at the table so all can enjoy its prettiness—

- 2 tablespoons (2 envelopes) unflavored gelatine
- ½ cup cold water
- 3 well-beaten egg yolks
- 1 cup sugar
- 2 cups milk
- 1 9-ounce can (1 cup) crushed pineapple, drained
- 2 cups heavy cream, whipped
- 3 stiff-beaten egg whites
- ½ cup chopped California walnuts
- 1 10-inch tube or 2 10-inch loaf angel cakes
- Halved pineapple slices
- Maraschino cherries
- Whipped cream

Soften gelatine in cold water. Combine egg yolks, sugar, and milk; mix well. Cook over hot, *not boiling* water, stirring constantly, till mixture coats spoon. Add softened gelatine and stir till dissolved. Cool. Add drained pineapple. Fold in cream, egg whites, and nuts. Remove crust from angel cake; break in large pieces. Line bottom of oiled 10-inch tube pan with half the pieces. Pour half of gelatine mixture over cake; add another layer of angel cake; then pour remaining gelatine mixture over all. Chill. Unmold and garnish with pineapple, cherries. Fill center with whipped cream. Makes 10 to 12 servings.

Lime Delight

Serve these fluffy squares with coffee and you have a party!—

- 1 14½-ounce can (1¾ cups) evaporated milk
- 1 3-ounce package lime-flavored gelatine
- 1¾ cups hot water
- 1 cup sugar
- ¼ cup lime juice
- 2 teaspoons lemon juice, fresh, frozen, or canned
- 2 cups chocolate-wafer crumbs
- ½ cup melted butter or margarine
- Semisweet chocolate, shaved

Chill evaporated milk in freezing compartment till icy cold. Dissolve gelatine in hot water. Chill till partially set. Whip till fluffy; stir in sugar and fruit juices. Whip chilled milk; fold into gelatine mixture. Combine crumbs and melted butter; press into bottom of 11½x7½x1½-inch pan. Pour gelatine mixture over crumbs. Top with shaved semisweet chocolate. Chill till firm. Cut in squares. Makes 10 to 12 servings.

Date Crunch Squares

An old-time favorite that's as good as ever—

- 1 cup chopped dates
- 1 cup water
- ½ cup sugar
- ½ cup chopped pecans
- ½ cup butter or margarine
- 1 cup brown sugar
- 1 cup sifted enriched flour
- 1 teaspoon baking powder
- ¼ teaspoon salt
- 1 cup quick-cooking oats
- Heavy cream, whipped

Combine dates, water, and sugar; cook over medium heat till thick, about 8 minutes. Cool and add pecans. Cream butter till soft; then cream brown sugar and butter together. Sift together flour, baking powder, and salt; add to creamed mixture. Add oats and mix till crumbly. Pat ½ of crumb mixture in 8x8x2-inch baking pan. Spread with date mixture and top with remaining crumbs. Bake in slow oven (325°) about 45 minutes. Cool. Flavor whipped cream with cinnamon and vanilla; put spoonful on each square. Makes 9 servings.

Polka-dot Parfait Cups

An easy-to-serve, cinnamony dessert frozen in its own little "dishes"—

- ¾ cup sugar
- ½ cup water
- Dash salt
- 2 stiff-beaten egg whites
- ¼ cup red cinnamon candies
- 1½ cups heavy cream, whipped
- 1 teaspoon vanilla

Combine sugar, water, and salt; cook to soft-ball stage (236°). Pour slowly over egg whites, beating constantly till soft peaks are formed. Cool to room temperature, beating occasionally. Fold in cinnamon candies, whipped cream, and vanilla. Spoon into soufflé cups; swirl tops. Decorate with additional cinnamon candies. Freeze till firm. Makes 9 servings.

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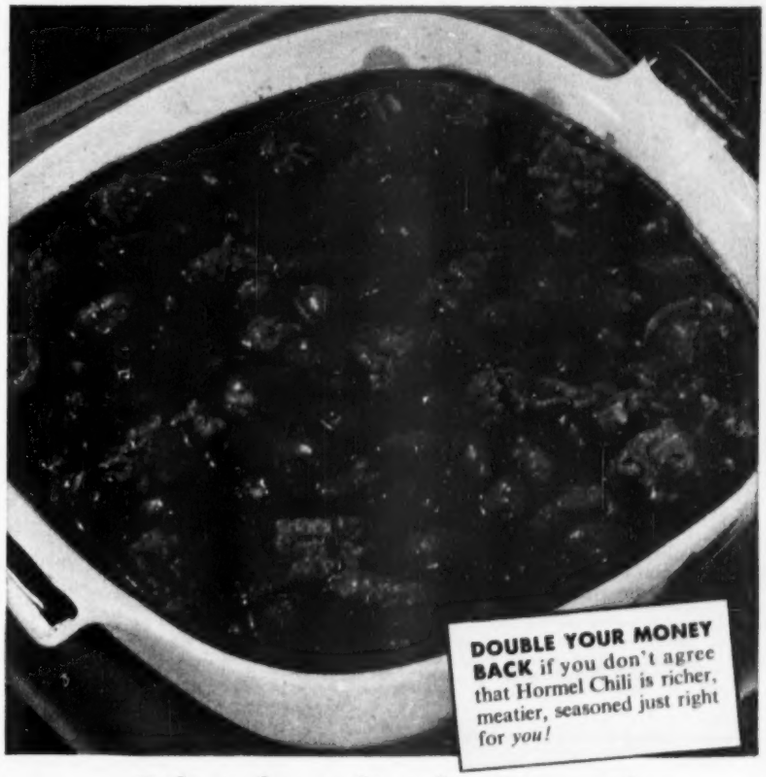
than government standard

That's why

HORMEL CHILI

is America's favorite 2 to 1!



Other favorites by Hormel

Geo. A. Hormel & Co., Austin, Minn.

Hear MUSIC WITH THE HORMEL GIRLS • Saturday, CBS

Pan Chicken!

NEW TASTE TREAT
with FRENCH'S ROSEMARY and THYME

Tender chicken cooked with pungent herbs

What a difference a pinch of herbs makes in simple everyday foods! Here fried chicken is done to a gourmet's taste with French's rich aromatic Rosemary and Thyme. In *your* cooking, depend on French's full-flavored, fresh-ground spices and herbs for extra flavor. There are no finer seasonings for foods!

PAN CHICKEN
2 fryers, 2½ lbs. each

½ cup flour
1 teaspoon salt
¼ teaspoon French's White Pepper
Shortening—part butter
¼ cup water
½ teaspoon each French's Thyme, French's Marjoram, French's Rosemary
1 tablespoon French's Parsley Flakes

Clean and cut chicken in 4 parts. Combine flour, salt, pepper in paper bag. Shake chicken in flour. Brown in ¼" hot fat. Reduce heat, drain off fat, add water and herbs. Cover, cook slowly until tender (about 1 hour). Yield: 8 servings.

French's SPICES EXTRACTS

NEW! Spice and Herb Seasoning Charts!

The R. T. French Co.
9030 Mustard St., Rochester 9, N. Y.

☐ SPICE CHART. Enclosed is 10¢ in coin
☐ HERB CHART. Enclosed is 10¢ in coin

Name _____
Address _____
City _____ *State* _____

See what new kitchen

Hideaway. Tall cabinet only 3 inches deep gives bonus storage for your broom and cleaning supplies. Or shelves can run full length of the curved unit. It fits snugly against its neighbor, swings out on hinges. Smaller curved unit (not shown) can go next to a wall cabinet

Sliding doors. Just push back these spacesaving doors; you'll like the extra headroom. Special baking cabinet next to the built-in oven includes a pull-out flour sifter, pan file, a place to put measuring cups and spices. Shelves next door hold bowls, sugar, other staples

cabinets offer you

By Doris Adams

Wood and steel. Beautifully grained birch gives your kitchen an air of old-fashioned friendliness and warmth. But open a door or drawer and you'll find the interior's all made of steel. It's extra sturdy, easy to clean. You can order cabinet interior in any of a dozen colors

Photographs: Hopkins, Photography, Inc., Records Studio

Extra room. Small, one-shelf units fasten under these wall cabinets. This additional eye-level storage still leaves you plenty of elbowroom down below. Note how the curved door opens to make a little shelf

More on next page

Deviled Hot Dogs

New flavor trick for an old favorite

The barbecue sauce is made with FRENCH'S

Here's a tasty budget-balancer for year-round menus. Plump juicy franks served with French's easy-to-make Barbecue Sauce. French's Mustard is a smooth, rich blend of the finest spices, mustard seed and vinegar money can buy. And its flavor doesn't fade out in cooking! Good cooks prefer it!

Also made in Canada

DEVILED HOT DOGS with FRENCHWISE BARBECUE SAUCE

Lightly cut into tops of frankfurters and brown in bacon fat in uncovered skillet. Baste—and serve with this delicious *Frenchwise Barbecue Sauce.*

- 1 medium onion minced (or 1 tablespoon French's Onion Flakes)
- 1 small green pepper minced (or 1 tablespoon French's Pepper Flakes)
- ¾ cup ketchup
- 2 tablespoons butter or margarine
- 2 tablespoons brown sugar
- 2 tablespoons French's Prepared Mustard
- 1 tablespoon French's Worcestershire Sauce
- 1 teaspoon salt

Crush flakes if used. Combine ingredients, simmer 15 minutes. Yield: 8 servings.

NEW RECIPE BOOKLET! GET YOUR COPY!

The R. T. French Co.
1801 Mustard St., Rochester 9, N. Y.
Enclosed is 10¢ in coin. Please send me "Seasoning Makes the Difference!"—your new 32-page, color-illustrated booklet.

*Name*_____

*Address*_____

*City*_____ *State*_____

Mom calls me "the Hydrox kid!"

Finest ever made!

EVERYBODY LIKES
Sunshine Cookies
Your choice of many delicious varieties...packaged in protective cellophane. AT FOOD STORES EVERYWHERE!

See what new kitchen cabinets offer you

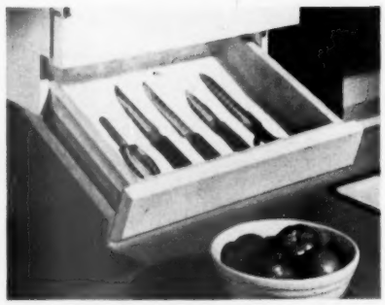
Begins on page 104

Swing shift. Open door of this corner base cabinet and you'll discover a pair of three-deckers.

Roomy shelves take care of bowls, electric appliances like your deep-fat fryer. Rims keep the equipment from scooting off.

Out they come. Half-circle shelves turn dark corner into front-row storage for your party dishes.

A touch of your finger swings the whole set within easy reach. The little, three-corner shelves hold vases and pitchers.



Tilting drawer. Slide it out from under wall cabinet. Drawer stays open like this. You'll spot right knife quick as a wink.

Drawer also makes a handy place to prop up your open cook book. It's above range of splashes.

Pan dandy. Pretty slick the way hook rack and lid file slide out. They'll save you lots of stooping; make it easier to pick up pans.

If you prefer, you can take out the partitions in the lid file. Then it will hold larger pans such as kettles, your Dutch oven.

TIP:
Kids love Underwood's flavor. It's nutritious: pure ham, rare spices, a lunchbox favorite.

Send for free recipe folder!
Wm. Underwood Co.
93 Walnut St., Watertown 72, Mass.

UNDERWOOD DEVILED HAM

THE ORIGINAL...ALL FINE HAM ZESTFULLY SEASONED

For 87 years America's favorite spread

STICK with LEPAGE'S MIRACLE MENDER

The WATERPROOF LIQUID PLASTIC that MENDS EVERYTHING!

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WRIGHT'S

America's Largest-Selling Silver Cleaner

KEYSTONE MUSHROOMS

Get the *natural* tenderness and full-bodied flavor of fresh mushrooms! Get KEYSTONE MUSHROOMS —it's the "Quality Pack"

If Grocer doesn't have them send his name. Recipe Book FREE. Write Keystone Mushroom Co., Coatesville, Pa.

Guaranteed by Good Housekeeping

Luscious pecan pie

Begins on page 75

Cinnamon Applesauce Salad

Spicy red-and-white marbled squares. It waits till you're ready to serve—

- ½ cup red cinnamon candies
- 2 cups boiling water
- 2 3-ounce packages lemon-flavored gelatine
- 2 cups unsweetened applesauce
- 2 3-ounce packages cream cheese
- ¼ cup light cream
- 2 tablespoons salad dressing

Dissolve candy in boiling water. Add gelatine; stir to dissolve. Stir in applesauce. Chill till mixture begins to thicken. Pour into 8x8x2-inch pan. Combine cream cheese, cream, and salad dressing. Spoon on top of gelatine and swirl to make a marbled effect. Chill till firm. Cut in squares and serve on lettuce. Makes 9 servings.

Luscious Pecan Pie
(Southern style)

If you have a sweet tooth, this is for you. The recipe just couldn't be easier!—

- 3 eggs
- ⅔ cup sugar
- Dash salt
- ⅓ cup melted butter or margarine
- 1 cup dark corn syrup
- 1 cup pecan halves
- 1 recipe Plain Pastry

Beat eggs thoroughly with sugar, salt, melted butter, and syrup. Add pecans. Pour into 9-inch unbaked pie shell. Bake in moderate oven (350°) 50 minutes or till knife inserted halfway between outside and center of filling comes out clean. Cool before serving.

Luscious Pecan Pie
(less-sweet adaptation)

This is for folks who like a not-quite-so-rich pecan pie. Recipe's a cinch to make—

- ¼ cup butter or margarine
- ½ cup sugar
- 1 cup light corn syrup
- Dash salt
- 3 eggs
- 1 cup pecan halves
- 1 recipe Plain Pastry

Cream butter to soften. Add sugar gradually and cream till fluffy. Add syrup; beat well. Add salt and eggs one at a time, beating thoroughly after each addition. Add pecans. Pour into 9-inch unbaked pie shell. Bake in moderate oven (350°) 50 minutes or till knife inserted halfway between outside and center of filling comes out clean. Cool before serving.

Plain Pastry

- 1½ cups sifted enriched flour
- ½ teaspoon salt
- ½ cup shortening
- 4 to 5 tablespoons cold water

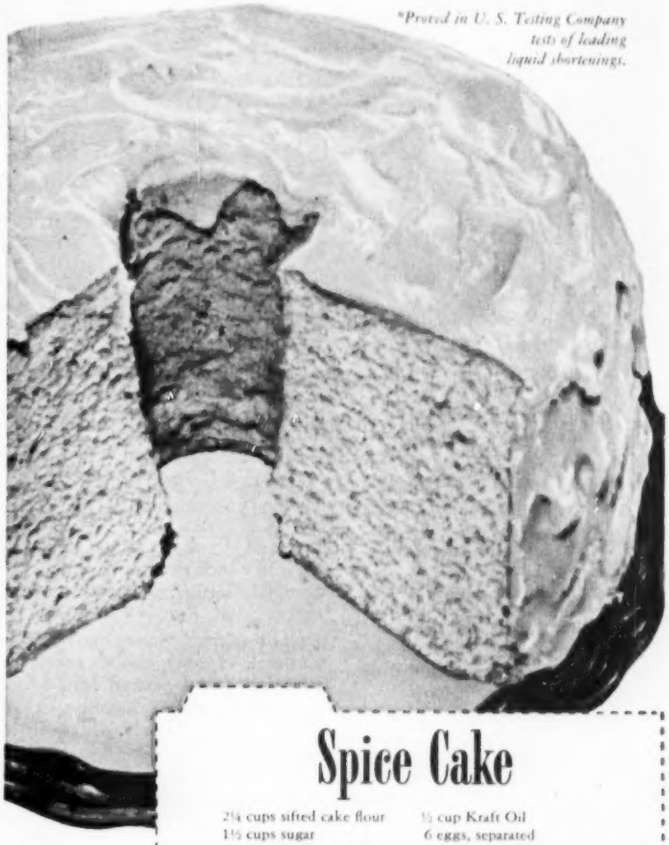
Sift together flour and salt; cut in shortening with pastry-blender or fork till pieces are the size of small peas. Add water by teaspoons, tossing with a fork till all the flour-coated bits of fat are barely dampened. Turn mixture onto a square of waxed paper. Gather up corners, pressing from outside to form compact ball. Chill for easier handling. Roll pastry ⅛ inch thick on lightly floured surface. Fit pastry loosely in piepan. Leave half an inch of pastry around the rim and turn under. Flute edge by

Now you can bake a cake 3 days before you serve it!

Kraft Oil guarantees 72 hours of just-baked freshness!

Here's why: Kraft Oil is lighter-bodied! That's why it blends more thoroughly with all the ingredients of a cake batter. When baked, every last crumb of cake contains little drops of shortening—enough to keep your cake absolutely fresh, right-from-the-oven wonderful at least 3 days!*

**Proved in U. S. Testing Company tests of leading liquid shortenings.*



Spice Cake

- 2¼ cups sifted cake flour
- 1½ cups sugar
- 1 tbsp. baking powder
- 1 tsp. salt
- 1 tsp. cinnamon
- ½ tsp. cloves
- ½ tsp. nutmeg
- ½ cup Kraft Oil
- 6 eggs, separated
- 2 tbsps. molasses
- ¾ cup cold water
- 1 tsp. grated orange rind
- 2 tsps. orange juice
- ½ tsp. cream of tartar

Sift flour, sugar, baking powder, salt, cinnamon, cloves and nutmeg together in a bowl. Make a well and add in order, Kraft Oil, egg yolks, molasses, water, orange rind and juice. Beat with a spoon until smooth. Add cream of tartar to egg whites and beat until *very, very stiff.* Pour egg yolk mixture gradually over the whipped egg whites, carefully folding with a rubber scraper just until blended. Do not stir. Pour immediately into ungreased 10 x 4 inch tube pan. Bake in a moderate oven, 325°, for 70 minutes or until top springs back when lightly touched.

After removing cake from the oven, turn pan upside down, placing tube part over the neck of a small funnel. When cold, loosen the sides with a spatula, remove cake from pan.

Want a special Caramel "Philly" Frosting? Write: Kraft Kitchens, Kraft Foods Co., Chicago 90, Ill.

It's lighter-bodied! It blends better because it's superfined!

Kraft Oil

Easy salad with a party look—thrifty too—with Canned Fruit Cocktail from California

FRUIT COTTAGE RING

1 No. 2½ can fruit cocktail
1 package lemon-flavored gelatin
4 tablespoons lemon juice
1 pint cottage cheese
½ cup chilled evaporated milk or whipping cream
Salad greens

Drain 1 cup syrup from fruit cocktail, heat. Dissolve gelatin in it. Add lemon juice. Cool. Stir in cottage cheese. Chill until slightly thickened. Whip chilled milk in chilled bowl until thick. Fold in cheese mixture and 1½ cups drained cocktail. Chill in 8-inch ring mold until firm. Unmold. Garnish with salad greens and cocktail. Serves 6 to 8.

Delicious fruit dishes like this are so quick to make and so practical with wonderful canned fruit cocktail! Five sparkling, summer-sweet fruits—cling peaches, pears, pineapple, grapes, cherries—neatly diced, ready to use with no work, no fuss. And, because these fruits are close-packed in each can, you get lots for your money. Serve thrifty fruit cocktail often! Cling Peach Advisory Board

Fruit cocktail for dessert. What could be gayer! What could be easier! Simply spoon out these five luscious fruits and serve. A grand favorite, too, as topping for sundaes, puddings, shortcakes. Keep several cans handy!

Luscious pecan pie

Continued from preceding page

using right forefinger to press pastry between the thumb and forefinger of left hand.

Martha Washington Dessert

Delicate sponge cake bakes atop bright red cherries—

1 No. 2 can (2½ cups) tart red cherries, drained
½ cup liquid from cherries
½ cup sugar
2 tablespoons quick-cooking tapioca
¼ teaspoon cream of tartar
Dash salt
2 egg whites
2 egg yolks
⅓ cup sugar
6 tablespoons sifted cake flour

Crush cherries with potato masher; add cherry liquid, ½ cup sugar, and tapioca. Simmer 5 minutes, stirring constantly. Add cream of tartar and salt to egg whites; beat till stiff. Beat egg yolks till thick and lemon-colored; add ⅓ cup sugar; beat thoroughly. Fold egg yolks into egg whites, then fold in flour. Pour cherry mixture into 1½-quart casserole. Pour batter on top. Bake in slow oven (325°) 40 minutes or till done. Serve warm. Makes 6 servings.

Chicken Delicious

¼ cup butter or margarine
½ cup enriched flour
3 cups chicken broth
½ cup milk
1 teaspoon salt
1 teaspoon lemon juice, fresh, frozen, or canned
Dash pepper
Dash paprika
3 cups diced cooked chicken
½ cup sliced stuffed olives
2 tablespoons chopped pimiento

Melt butter; stir in flour. Add broth, milk, and salt. Cook over low heat till thick, stirring constantly. Add remaining ingredients. Heat. Serve over hot waffles.

Peppermint Fluff With Chocolate Sauce

A make-ahead dessert for dinner—

1 tablespoon (1 envelope) unflavored gelatine
¼ cup cold water
½ cup milk
½ cup sugar
¼ teaspoon peppermint extract
2 cups heavy cream, whipped
Few drops red food coloring

Soften gelatine in cold water. Scald milk; add gelatine mixture, sugar, and peppermint extract. Stir till gelatine is dissolved. Chill till partially set. Tint whipped cream a delicate pink with food coloring. Fold into gelatine mixture. Chill in individual molds. Serve with Chocolate Sauce. Makes 6 to 8 servings. **Chocolate Sauce:** Combine one 13-ounce can (1⅔ cups) evaporated milk, 1 cup sugar, two 1-ounce squares unsweetened chocolate, and ½ teaspoon salt. Cook over medium heat till smooth and thick, stirring constantly. Remove from heat. Add 1 teaspoon vanilla. Chill. (Mixture thickens as it cools.)

Baked Half Ham

1 6- to 8-pound uncooked (cook-before-eating type) half ham
½ cup brown sugar
¼ cup honey
¼ cup orange juice

Place ham fat side up on rack in shallow, uncovered pan. Bake in slow oven (325°) 2½ to 3 hours (25 minutes per pound). If you have a meat thermometer, cook ham to an internal temperature of 160°. One-half hour before ham is done, trim off rind. Combine brown sugar, honey, and orange juice; mix. Spread over ham. Bake in slow oven (325°) about 30 minutes or till well glazed. Allow ¼ to ½ pound ham, uncooked weight, for each serving.

Caramel Spice Cake

¾ cup shortening
2¼ cups sifted cake flour
1 cup sugar
1 teaspoon baking powder
1 teaspoon salt
¾ teaspoon soda
¾ teaspoon cinnamon
½ teaspoon cloves
¾ cup brown sugar
1 cup buttermilk
3 eggs

Stir shortening to soften. Sift cake flour, sugar, baking powder, salt, soda, and spices into bowl with shortening. Add brown sugar and buttermilk. Beat vigorously 2 minutes. Add eggs; beat vigorously 2 minutes. Bake in 2 paper-lined 9x1½-inch round pans in moderate oven (350°) 30 to 35 minutes. Frost with **Caramel Frosting:** Melt ½ cup butter or margarine; add 1 cup brown sugar. Boil 1 minute or till slightly thick, stirring constantly. Cool slightly. Add ¼ cup milk; beat smooth. Beat in about 3¼ cups sifted confectioners' sugar, beating till of spreading consistency.

BETTER HOMES & GARDENS

"The boss."

For your family's sake, you should know these facts—

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Calumet Baking Powder "Raised" this $2,500 Cake

NEW MERINGUE CRADLE CAKE —made with Calumet— a top winner in PILLSBURY'S FOURTH GRAND NATIONAL BAKE-OFF

MRS. STEPHEN A. HORNUNG of New York City Creates Cake With "Frosting" Baked On

After her unique cake was chosen a prize winner, this expert cook expressed glowing praise for the leavening she used . . . Calumet Baking Powder. "*Dependability* is so important in your baking powder," Mrs. Hornung explained. "For it's true . . . when you start right with the best you can buy—that's Calumet—you finish light with the best you can bake! You can depend on it!"

$2,500 Meringue Cradle Cake

- 4 egg whites
- 1 cup sugar
- 1 cup pecans, filberts, or other nuts, very finely chopped
- 1 square Baker's Unsweetened Chocolate, grated
- 2 cups sifted Pillsbury's Best Enriched Flour
- 3 teaspoons Calumet Baking Powder
- 1 teaspoon salt
- ½ cup butter or margarine
- 1 cup sugar
- 4 egg yolks
- ¾ cup milk
- 1 teaspoon vanilla

Beat egg whites until stiff enough to hold up in soft peaks. Add 1 cup sugar gradually, beating to a meringue that will stand in stiff, glossy peaks. Fold in nuts and chocolate. Grease a 9- or 10-inch tube pan; line bottom with waxed paper. Spread meringue evenly over bottom and three-quarters of the way up side and tube of pan.

Sift flour once, measure, add baking powder and salt, and sift again. Cream butter, add 1 cup sugar gradually, creaming well. Add egg yolks and beat thoroughly. Then add flour, alternately with milk and vanilla, in four additions, beating well after each amount.

Pour into meringue-lined pan. Bake in slow oven (325°F.) 60 to 70 minutes. Let cool 20 minutes before removing from pan.

If desired, garnish top with chocolate-dipped nuts.

Note: This cake may also be baked in two 9x5x3-inch loaf pans. Bake at 325°F. for about 50 minutes.

Start right— finish LIGHT!

A Product of General Foods

America's Best Cooks Bake With Calumet

They came from all over America to bake cakes, cookies, breads and other delights in Pillsbury's Fourth Grand National Bake-Off. And how happy they were to find Calumet on their work tables—to learn that Pillsbury had selected Calumet as the official baking powder. Confidence in your baking powder is so important, because so much of your baking success *depends* on your leavening. And good cooks nationwide know they can count on Calumet. For when you start right with the best you can buy—that's Calumet—you finish light with the best you can bake. Get Calumet. It's your best bet whenever *your* recipe calls for baking powder.

GOOD EXCLUSIVELY IN Pillsbury's GRAND NATIONAL FLOUR AND BAKING CONTEST

Yes, dependable Calumet insures baking success! That's why Pillsbury Bake-Off Recipes specify Calumet Baking Powder—why Calumet is the ONLY Baking Powder that is featured in Pillsbury's Grand National Bake-Off.

DOUBLE-ACTING Calumet BAKING POWDER

CONTEST FOR COOKS

Recipes wanted for main-dish salads, cooking with cereals

WITH A MAIN-DISH SALAD or a recipe using cereal, you have a chance to win $10—that's the first prize in this month's contest. Or if you're one of the 20 runners-up, you'll receive $3. Eight of the winning recipes will be pictured on the Prize Tested Recipe pages next September.

And remember, the winners of these 21 prizes also will receive the *Better Homes & Gardens* Certificate of Endorsement and *six copies of the endorsed recipe*.

Hints to help you—

Main-dish salads hit the spot for luncheon or supper on hot summer or autumn days. We are looking for recipes and ideas for serving the following or others of your choice:

chef's salad toss
chicken-salad loaf
hearty potato salad
meaty gelatine salad
ham salad
hot macaroni salad
cottage-cheese salad
jellied tuna salad

Cooking with cereal is a delicious, economical way to make a variety of wonderful dishes. Whether your specialty is a cooky, casserole, or quick bread, we'd like to hear about it. To start your thinking, glance over these suggestions:

oatmeal cookies
corn-flake macaroons
cereal-topped casserole
bran quick breads
wheat-flake crunch bars
cereal-crust pies
grape-nut desserts
shredded-wheat favorites

Contest rules—

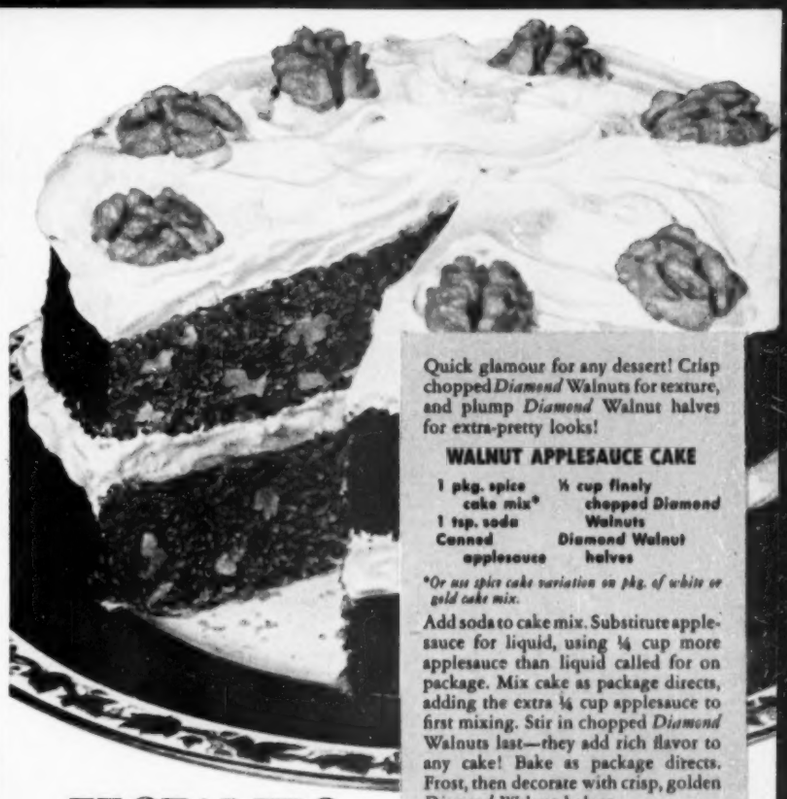
1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it, "September Main-dish Salads" or "September Cooking With Cereal."
2. Print your full name and address clearly in upper right corner of recipe page.
3. Give measurements in *level* cups, tablespoons, teaspoons, never in heaping or scant measurements.
4. Be sure to specify in your recipe the brand names of the *nationally* known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.
5. Include 50 to 100 words about the history or origin of the recipe you submit.
6. All recipes submitted become the property of *Better Homes & Gardens*.
7. Entries must be postmarked by midnight, February 28.
8. Address the recipes you enter to 5402 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines 3, Iowa.

This month's winners

(*See recipes on pages 85 and 86*)

Cook-of-the-Month is Mrs. Charles Dean, Vernon, Mich.
Mrs. H. A. Allen, Dayton, Ohio
Mrs. Russel R. Elsass, Waynesburg, Ohio.
Mrs. John P. Gallahue, Piper City, Ill.
Laura M. Getschmann, Bremerton, Wash.
Elizabeth Howser, Colorado Springs, Colo.
Mrs. Helen Lally, Golden's Bridge, N.Y.
Mrs. Leonard E. Weaver, Detroit, Mich.

Honor Roll:
Mrs. Robert M. Davis, Montello, Nev.
Mrs. Al Goodman, Detroit, Mich.
Mrs. Herman Homp, Springfield, Ill.
Mrs. H. A. Johnson, Minneapolis, Minn.
Mrs. Temple Kynett, Chicago, Ill.
Mrs. J. Carl Loughridge, Gastonia, N. C.
Mrs. M. G. Miller, Mahaska, Kans.
Kathryn D. Myers, Battle Creek, Mich.
Mrs. R. L. Nieswander, Lima, Ohio.
Freda Sur, Baltimore, Md.
Mrs. Martha A. Winslow, Goldsboro, N. C.
Mrs. Anne S. Witt, Philadelphia, Pa.
Mrs. Christine Wolf, Chicago, Ill.



Quick glamour for any dessert! Crisp chopped *Diamond* Walnuts for texture, and plump *Diamond* Walnut halves for extra-pretty looks!

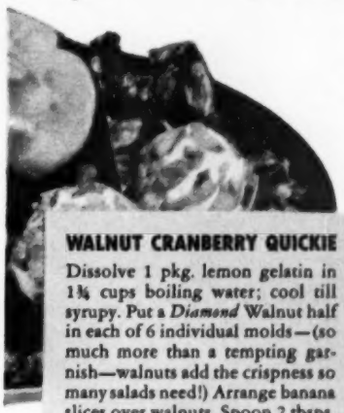
WALNUT APPLESAUCE CAKE

1 pkg. spice cake mix*
1 tsp. soda
Canned applesauce
½ cup finely chopped Diamond Walnuts
Diamond Walnut halves

*Or use spice cake variation on pkg. of white or gold cake mix.

Add soda to cake mix. Substitute applesauce for liquid, using ¼ cup more applesauce than liquid called for on package. Mix cake as package directs, adding the extra ¼ cup applesauce to first mixing. Stir in chopped *Diamond* Walnuts last—they add rich flavor to any cake! Bake as package directs. Frost, then decorate with crisp, golden *Diamond* Walnut halves.

HOW TO *make a hit in a hurry!* —*you need* **DIAMOND WALNUTS**

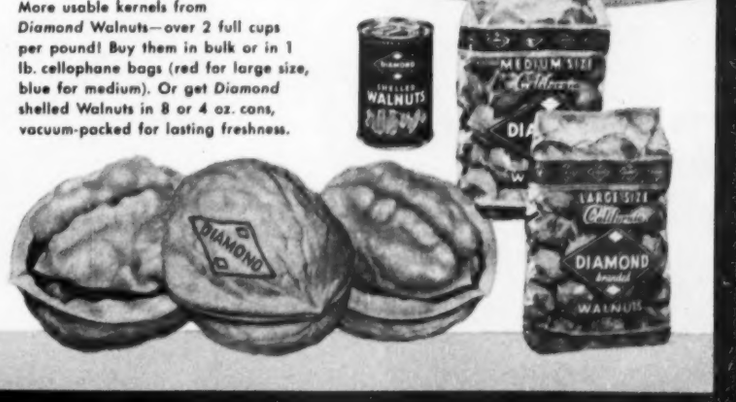


No other ingredient does so much for your meals—on such short notice! Just toss chopped *Diamond* Walnuts into any cake batter—hot breads, salads, too—for extra nourishment, fine flavor. Use golden walnut halves as garnishes—for tempting eye appeal. Yes—add crisp, crunchy *Diamond* Walnuts to almost *any* dish—for a sure hit, every time!

WALNUT CRANBERRY QUICKIE

Dissolve 1 pkg. lemon gelatin in 1¾ cups boiling water; cool till syrupy. Put a *Diamond* Walnut half in each of 6 individual molds—(so much more than a tempting garnish—walnuts add the crispness so many salads need!) Arrange banana slices over walnuts. Spoon 2 tbsps. gelatin into each mold. Mix rest of gelatin with 1 cup whole cranberry sauce and ½ cup chopped *Diamond* Walnuts. Fill molds with mixture; chill. Serve with balls of seasoned cream cheese rolled in crunchy chopped *Diamond* Walnuts.

More usable kernels from *Diamond* Walnuts—over 2 full cups per pound! Buy them in bulk or in 1 lb. cellophane bags (red for large size, blue for medium). Or get *Diamond* shelled Walnuts in 8 or 4 oz. cans, vacuum-packed for lasting freshness.



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never stains • never smells never scratches

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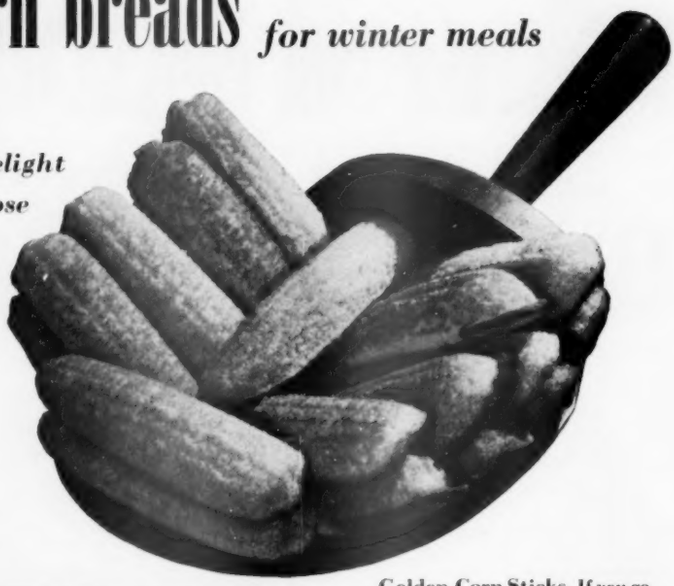
Hot corn breads *for winter meals*

NOW's the time to delight your family with those good, old-fashioned corn-bread treats

By Frances Paulson



Photographs: Nelson, Photography, Inc.

Golden Corn Sticks. If you go for the crunchy top of corn bread, you will especially like these!

For the crispiest, well-browned sticks, grease preheated pan generously with butter or margarine.

Perfect Corn Bread. Moist and tender but not crumbly — that's the kind this recipe makes. And don't forget the good packaged corn-bread and -muffin mixes, so easy and quick to use.

Nothing tastes better than corn bread with chicken, or with creamed chipped beef. Bake a panful to put sunshine in breakfast on a snowy morning.

Corn-meal Dinner Rolls. These are crusty twin buns that taste best when they are piping hot. Bake them fresh for that special dinner.

You'll be surprised how they seem to take the chill off a frosty evening! Pass a bright little skillet full of butter pats, and a jar of your family's favorite homemade jam or jelly.

Southern Spoon Bread. This dainty, light souffle is your bread. Take a spoonful; drench it with butter.

Make it the next time you are having ham for dinner. Umm! Or serve it with hot bacon curls or little pig sausages for a leisurely breakfast. Slip the casserole in a basket to pass.

Recipes on page 116

Recipes on page 116

LILY POND IN HONOLULU, PHOTOGRAPHED IN HAWAII BY ANTON BRUEHL

Be sure it's
HAWAIIAN-
Be sure it's
DOLE

For flavor that says "Hawaii!" say DOLE Pineapple Slices! Each golden circle is mellow-rich, tender, tempting!

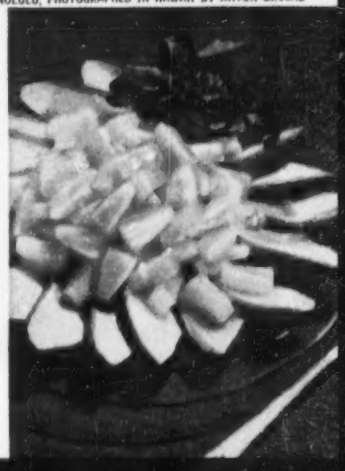
←

Party-time or any-time pick-up, sparkling DOLE Pineapple Juice is *pure* refreshment—Hawaiian sunshine in your glass! Have some on hand always.

→

For a delightful blend of textures and tastes, top a sunburst of avocado slices with juicy-sweet DOLE Pineapple Tidbits. Pour on your favorite French dressing, and serve with pride!

Send 25c for colorful Hawaiian Party Book to DOLE, Box G, 215 Market St., San Francisco 6, California.



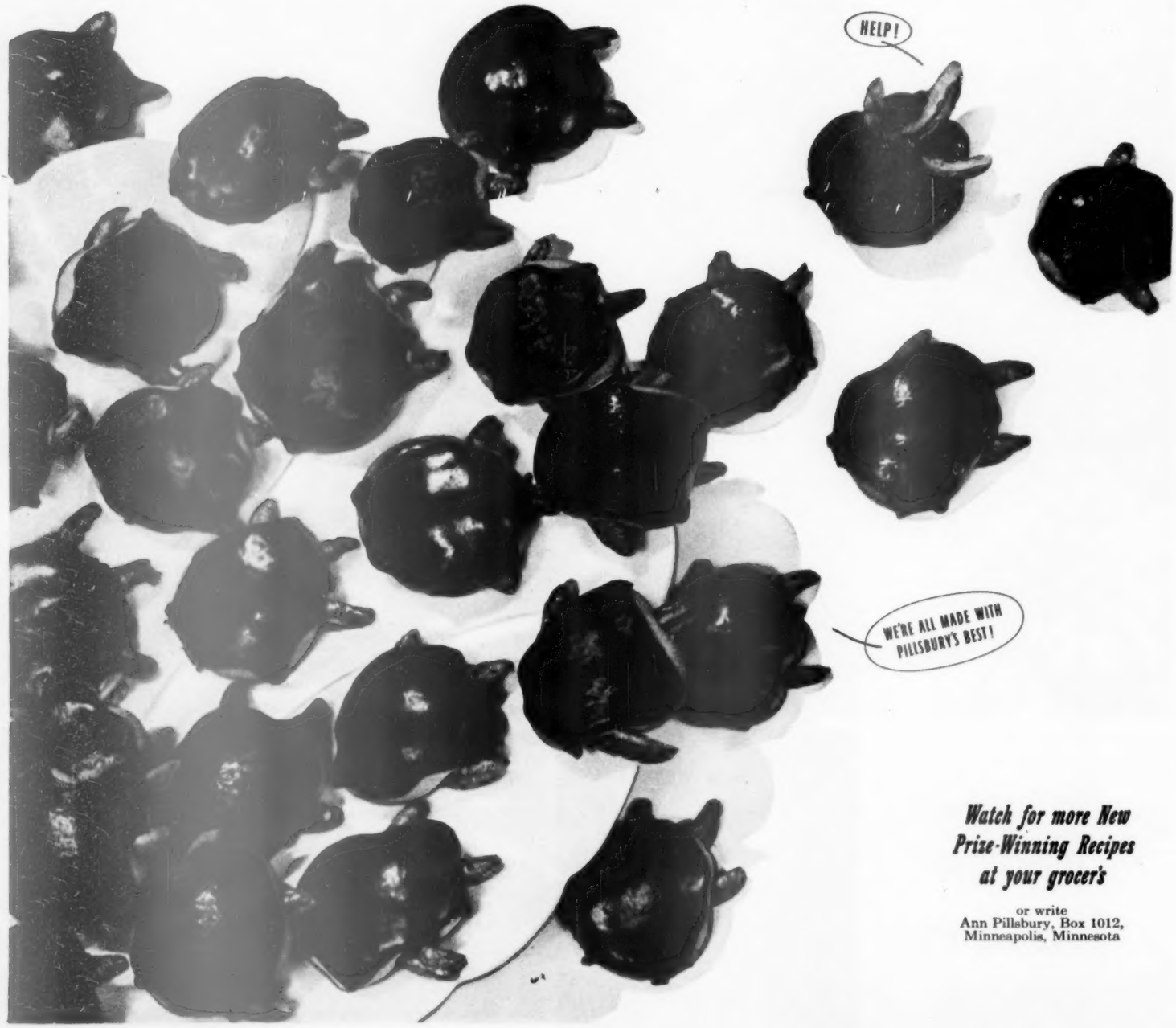
Gay, Tantalizing and Easy! Top Prize-Winner of the year...

The $25,000

from Pillsbury's 4th Grand National

GRAND PRIZE WINNER 4th GRAND NATIONAL PILLSBURY'S FINEST RECIPE AND BAKING CONTEST

WALDORF-ASTORIA HOTEL, NEW YORK
DECEMBER 8-9, 1952



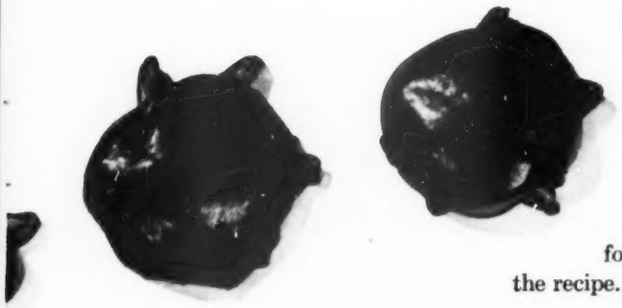
Watch for more New Prize-Winning Recipes at your grocer's

or write
Ann Pillsbury, Box 1012,
Minneapolis, Minnesota

and here's your Recipe...

Cookies

$100,000 Recipe and Baking Contest SNAPPY TURTLE COOKIES



A SNAP TO MAKE... SNAPPY LOOKING... SNAPPY EATING... KIDS SNAP 'EM UP

Mrs. Harlib, the grand prize winner, starts out with the things most people like best in cookies . . . a rich brown sugar cooky mixture, chocolate and nuts. Then she puts them together in an entertaining and unusual shape, without once reaching for a cooky-cutter or rolling-pin. Her recipe was designed for Pillsbury's Best Flour, which she has used for years. Mrs. Harlib says, "If you want a bit of advice from me—double the recipe. It'll amaze you how fast turtles can go."

Tortoise and Hare. Four times Mrs. Peter S. Harlib entered the Grand National. Then this year, from range number 100 among 100 contestants, she walked off with the $25,000 First Prize.

Arthurs Snap Turtles. Here are Arthur Godfrey and Art Linkletter biting into Mrs. Harlib's Snappy Turtle Cookies just after she had won the grand prize. Mrs. Harlib is the wife of a Chicago policeman, the mother of twin 10-year-old boys, and an active worker in civic, school and service organizations.

THE $25,000 SNAPPY TURTLE COOKIES

1st Prize-Winner by Mrs. Peter S. Harlib, Chicago, Illinois

This recipe was designed for Pillsbury's Best. Results are guaranteed only with Pillsbury's Best

BAKE at 350° F. for 10 to 12 minutes. MAKES 2½ dozen cookies.

Sift together... 1½ cups sifted **Pillsbury's Best Enriched Flour**
¼ teaspoon **soda**
¼ teaspoon **salt.**

Blend together. ½ cup **butter** or margarine and
½ cup firmly packed **brown sugar,** creaming well.

Add..... 1 **egg** and
1 **egg yolk;** beat well. (Reserve white.)

Blend in..... ¼ teaspoon **vanilla**
⅛ teaspoon **maple flavoring.**

Add..... dry ingredients gradually; mix thoroughly.

Arrange..... split **pecan halves** (rounded side up) in groups of three on greased baking sheets to resemble head and legs of a turtle.

Mold..... dough into balls (use rounded teaspoonful of dough for each). Dip bottom into **egg white** and press onto nuts.

Bake..... in moderate oven (350° F.) 10 to 12 minutes. Do not overbake. Cool and frost generously.

CHOCOLATE FROSTING

Combine 2 squares (2 oz.) chocolate or ½ cup semi-sweet chocolate pieces, ½ cup milk and 1 tablespoon butter in top of double boiler. Heat over boiling water until chocolate melts; blend until smooth. Remove from heat; add 1 cup sifted confectioners' sugar. Beat until smooth and glossy.

Pillsbury's BEST

The GRAND NATIONAL Flour

NEW COOKBOOK coming soon, with all 100 new prize-winning recipes from Pillsbury's 4th Grand National Bake-off. Send 25¢ to Ann Pillsbury, Box 122, Dept. B, Minneapolis, Minn.

Aunt Jemima tells Mrs. America about her Newest Pancake Success

Lovely young bride of a year Mrs. Evelyn Schenk enjoys the super-lightness and enticing flavor of the Pancake Queen's newest success.

Mrs. Evelyn Joyce Schenk, talented 1953 "Queen of Homemakers," hears about today's lighter, richer-tasting Aunt Jemima Pancakes

Mrs. America (Evelyn Joyce Schenk) won her crown equally for her beauty *and* her home-making ability. An expert cook, she also makes her own clothes.

SKILLET-SKILL rates just as high as beauty in the "Mrs. America" contest. So winner Evelyn Joyce Schenk's visit with Aunt Jemima was strictly a kitchen-party. "Your newest pancakes *are* even lighter!" Mrs. Schenk told Aunt Jemima, as she tasted some. Mrs. America also admired the rich, creamy batter and *extra* tempting flavor! And Aunt Jemima pointed out that her newest pancakes are just in time for Pancake Day and Lent!

Notice how extra rich and creamy Aunt Jemima's newest batter is . . . how evenly it spreads, how beautifully it browns!

"Gee, pancakes!" says husband Bob Schenk, tire salesman. "Don't just say *pancakes*, say *Aunt Jemimas*," says Mrs. Schenk. "*Are* there others?" asks Bob.

Try Aunt Jemima's lighter, richer-tasting pancakes . . . you'll agree they're her crowning achievement, too!

Hot corn breads

Begins on page 112

Perfect Corn Bread

Cut sunny squares. Now quick with the butter!—

- 1 cup sifted enriched flour
- ¼ cup sugar
- 4 teaspoons baking powder
- ¾ teaspoon salt
- 1 cup yellow corn meal
- 2 eggs
- 1 cup milk
- ¼ cup soft shortening

Sift together flour, sugar, baking powder, and salt; stir in corn meal. Add eggs, milk, and shortening. Beat with rotary or electric mixer at low speed till just smooth, about 1 minute. (Do not overbeat.) Pour batter into greased 9x9x2-inch pan. Bake in hot oven (425°) 20 to 25 minutes. For a tasty variation, top batter with crumbled, cooked bacon before baking.

Golden Corn Sticks

Here's a recipe that makes them really crunchy—

- ⅓ cup sifted enriched flour
- 1 tablespoon sugar
- 1 teaspoon baking powder
- ½ teaspoon soda
- ½ teaspoon salt
- 1⅓ cups yellow corn meal
- 1 beaten egg
- 1 cup sour cream
- 2 tablespoons salad oil or melted shortening

Sift together flour, sugar, baking powder, soda, and salt; stir in corn meal. Combine egg, sour cream, and salad oil. Add to dry ingredients; stir till just blended. Preheat corn-stick pans, then grease generously. Fill pans ⅔ full; bake in hot oven (400°) about 25 minutes. Makes 10 to 12 sticks.

Southern Spoon Bread

A light, puffy delicacy to serve with lots of butter. Pretty impressive!—

- 1 cup corn meal
- 2 cups milk
- 1 teaspoon salt
- 1 teaspoon baking powder
- 2 tablespoons salad oil or melted shortening
- 1 cup milk
- 3 well-beaten egg yolks
- 3 stiff-beaten egg whites

Cook corn meal and 2 cups milk until consistency of mush. Remove from heat; add salt, baking powder, salad oil, and 1 cup milk. Stir in egg yolks; fold in egg whites. Bake in greased 2-quart baking dish in slow oven (325°) 1 hour or until mixture doesn't adhere to knife. Serve immediately. Makes 6 servings.

Pineapple Coffeecake

Try it for a delicious, thrifty, easy-to-fix dessert, too!—

- ¼ cup butter or margarine
- ⅓ cup brown sugar
- ¼ teaspoon cinnamon
- 1 9-ounce can (1 cup) crushed pineapple, drained
- 1 package corn-muffin mix or ½ recipe Perfect Corn Bread

Melt butter in an 8x1½-inch round pan. Sprinkle with brown sugar and cinnamon. Add drained pineapple. Prepare corn-muffin mix according to directions on package. Pour over pineapple mixture. Bake in moderate oven (375°) 20 to 25 minutes. Turn upside down on serving plate; let stand 5 minutes before removing pan. Serve warm. Makes 6 to 8 servings.

Corn-meal Dinner Rolls

Good corn-meal flavor in soft, little yeast buns with a crisp crust—

- 1 package active dry yeast or 1 cake compressed yeast
- ¼ cup water
- ¼ cup butter or margarine
- ¼ cup shortening
- ½ cup sugar
- 1 tablespoon salt
- 2 cups scalded milk
- 3 cups sifted enriched flour
- 2 beaten eggs
- 1½ cups corn meal
- 4½ cups sifted enriched flour

Soften active dry yeast in ¼ cup *warm* water; compressed yeast in ¼ cup *lukewarm* water. Add butter, shortening, sugar, and salt to scalded milk. Cool to lukewarm. Add 3 cups flour, eggs, and yeast mixture. Beat until smooth. Mix in corn meal and 4½ cups flour. Knead 10 minutes. Place in greased bowl, turning to grease surface; cover. Let rise till double (about 1¾ hours). Punch down; shape in small balls. Place 2 balls in each greased muffin cup. Brush with melted butter or margarine; cover and let rise till double (about 1 hour). Bake in moderate oven (375°) 15 minutes. Makes 3 dozen.

BETTER HOMES & GARDENS

Carlton Ware.. a new name to America's housewives.. *an old and honored name to America's greatest chefs*

Buy direct from factory at low price — Carlton Ware is sold only by neighbors of yours who bring the samples to your kitchen for inspection, then mail your order to the factory to be shipped direct to you. When your neighborhood Carlton Ware dealer calls, welcome her. She has an exceptional value for you.

We have openings for a few more responsible men and women who may wish to become neighborhood dealers. Earn money for making friendly calls in spare time and taking orders for Carlton Ware. No experience needed and the Selling Outfit is free. Send name to Department 82-B and ask for Selling Information. No obligation.

Now . . . glorify your kitchen with Stainless Steel Carlton Ware

Thirteen-piece matched set makes 21 different cooking combinations

Yes, it's true! Carlton of Carrollton—pioneers in supplying Stainless Steel Cookware to the chefs of the great hotels and restaurants of America—now offers the same matchless, *matched* utensils for home use at sensible budget prices.

Waterless Cooking? Yes, your foods are cooked principally in their own natural moisture over low heat. **Healthful Cooking?** Yes, the flavor sealing covers retain more of nature's vitamins and minerals. **Economical Cooking?** Yes, saves time and fuel and reduces food shrinkage.

And, what a joy when dinner's done. Pots and pans are as easy to wash as china dishes, as sparkling as fine stemware . . . and their shining beauty makes them showpieces for the finest kitchen.

Now, you can buy this 13 piece set complete as shown at a price so low it will amaze you. Or, if you wish, you can buy it on easy payments through Carlton's exclusive Add-A-Piece Plan.

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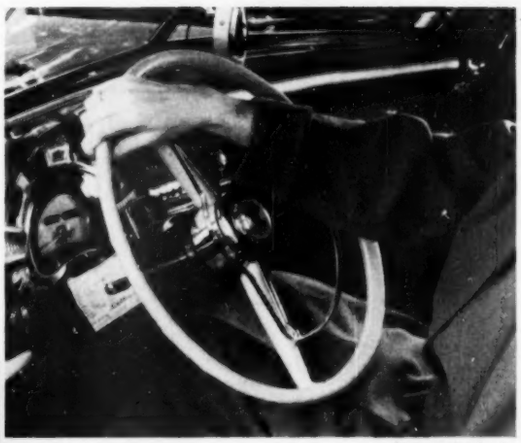
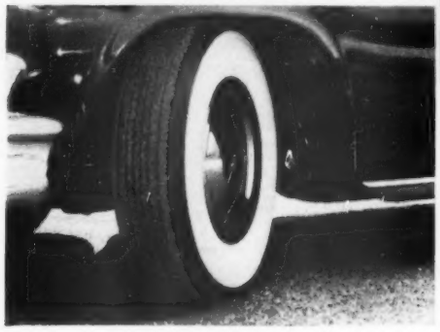
What's the truth about power steering?



It takes only this much effort to turn wheels to position pictured below. You do 12 percent of work

Whether parked at a curb, in coarse gravel, mud, or deep ruts, your wheels turn easily, like this



Photographs: Stanley

Is it dangerous at high speeds? What happens if a tire blows out? Here are answers to your questions to help you decide if it's for you

This year power steering—like automatic transmission—is being taken for granted by many of your friends. Power steering is popular and by the usual process of evolution, it may soon appear on lower-priced models.

When you buy that new car, the salesman may ask, "And how about power steering?"

Well, how about it? Here are some of the questions you'll want answered before you decide:

Does a driver have to become accustomed to power steering?

There is a fear among some people who have never used power steering that if the steering wheel is turned slightly, the car may veer suddenly across or off the road. Nothing could be farther from the truth. Power-steered cars turn only as much as the driver turns the steering wheel, just as do conventionally steered cars. The idea of sudden, uncontrolled veering to right or left is pure fiction.

Actually, as far as veering is concerned, the conventional, mechanically steered cars are more apt to go out of control than those that are power steered. This can happen when the car runs off a road and the front wheels are caught in a rutty shoulder, or when you are negotiating streetcar tracks or are in some other situation that forces the front wheels from their proper course. With power steering, such obstacles are scarcely felt, let alone fought, by the driver. The tremendous hydraulic force of the power-steering mechanism holds the wheels steady and allows the driver to turn the car smoothly back to its proper course in spite of ruts or other obstacles.

How much "work" does the power unit actually do?

On most models, the power-steering unit does 88 percent of the work and the driver 12 percent.

One manufacturer uses power steering to allow a reduction in the steering-gear ratio to 16 to 1. Conventional steering is geared about 25 or 26 to 1 in most cars, although some light cars have ratios around 10 to 1. Translated into turns of the steering wheel, a 16 to 1 ratio means that the driver need turn the steering wheel only 3½ times to move front wheels from full left to full right. With conventional steering, from 4½ to 5½ turns are required.

Is power steering durable? Will it stand up over the years?

It should easily last the life of the car. Automotive engineers have subjected a power-steering unit to tests equivalent to parking a car some 330,000 times, far more severe use than would occur in years of service.

Does power steering require a lot of the engine's horsepower to operate it?

The power requirement from the engine is negligible. As far as power is concerned, the driver notices no difference in the performance of his car, with or without power steering.

More on page 140

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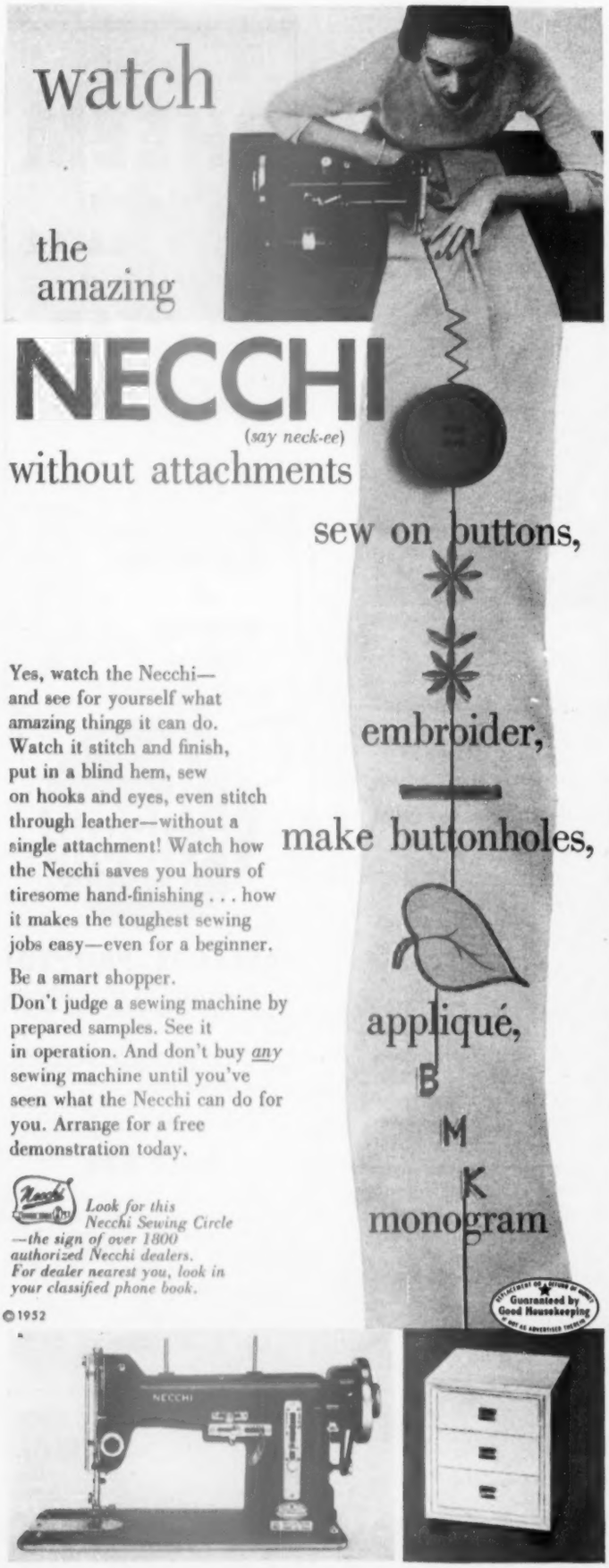

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Five answers to the question:

What goes

Many small objects bring personality to your mantel—when you group them carefully. Here potted African-violets and pewter pitchers march soldier-fashion across the mantel. Or arrange them in tidy, well-spaced clusters. Decorators: Bob Anderson and Brian Barlow

Photographs: Hedrich-Blessing; de Gennaro; Cleveland

Primitive fruit paintings in pine frames relate the fireplace to the Early American furniture in the room. If you choose one large picture for the wall over the mantel, be sure it does not overpower the fireplace. Notice how pictures at either side tie fireplace wall together

over your fireplace?

By Martha Darbyshire

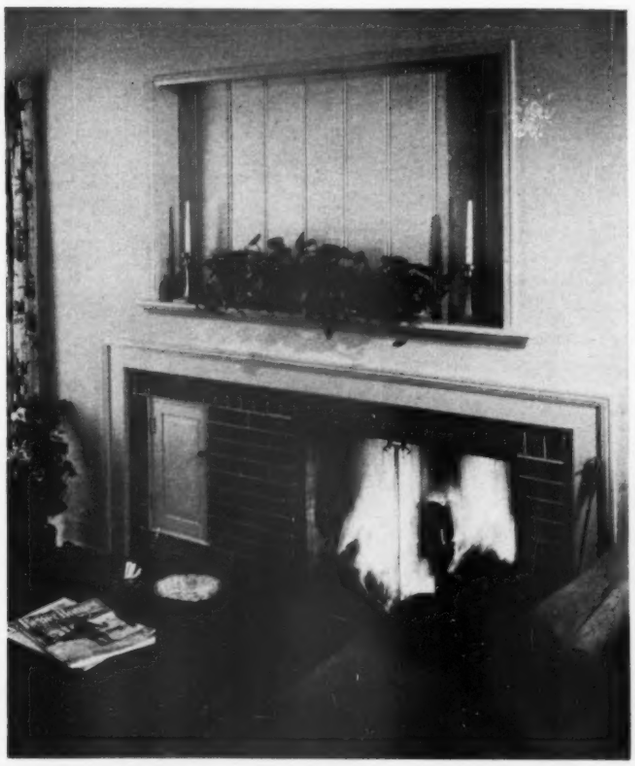
Because your fireplace is the focal point of the room, it will get a lot of attention. Make that attention favorable by using the right accessories.

First rule of thumb is to relate the accessories on the mantel—or over the mantel—to the room. If your furnishings are Early American, choose pewter cups, brass tankards, or old paintings. If your furniture is modern, you can have African masks, jade figurines, and abstract pictures.

Next, pick your best pictures and bric-a-brac. Even the ordinary arrangement of two candlesticks flanking a clock will have a special look if you find interesting candlesticks and a French clock.

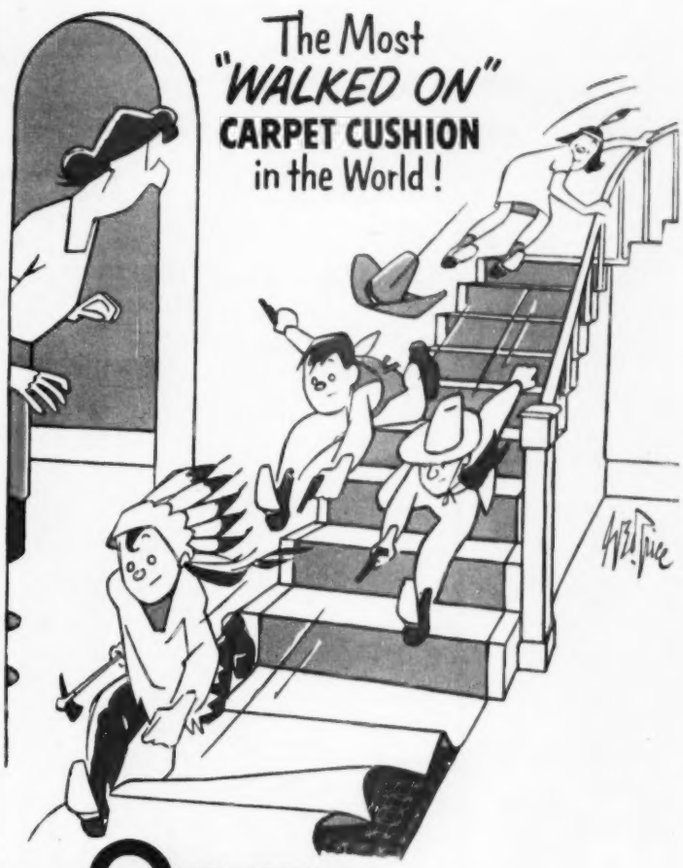
Finally, remember that large-sized vases or figurines will give your mantel an important, clean-lined look. If you're a collector, though, you can group small objects in an important way.

Look over these five pictures of fireplace arrangements. Can you use any of the ideas shown in your own home, with your own accessories?



Plants bring freshness into a room. Remember them when you decorate your fireplace. This recessed niche is painted to match the wall—the better to show off greenery inside. Its paneling adds texture interest to fireplace wall. Note size of the niche in relation to the fireplace

More photographs on next page



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Ozite is porous—You vacuum more efficiently, more thoroughly. Protects the *underside* of your carpets, too. Abrasive grit never collects between carpets and Ozite.

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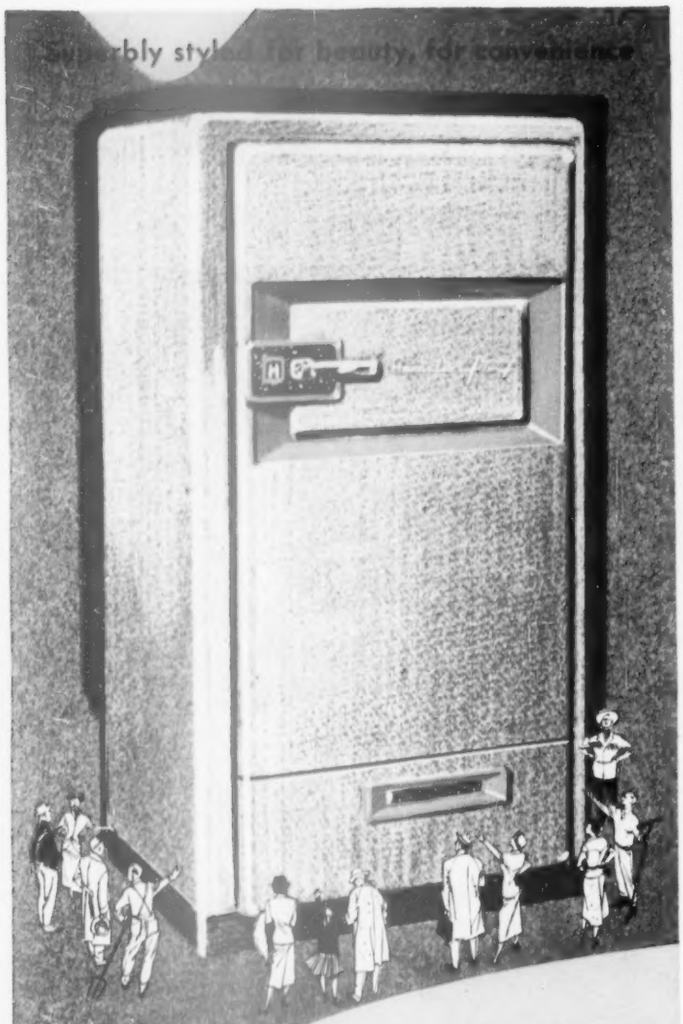

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All eyes are on Harder-Freez, the very last word in freezer beauty . . . in freezer convenience!

You'll be proud to have a new Harder-Freez . . . superbly styled by Sheldon Rutter . . . fit for the finest kitchen! And you'll be thrilled by amazing new features like Packaging Pantry, Pietainer, Sno-flake Storehouse, Chalk-up Chart, many others!

Harder-Freez gives you so much more than the worthwhile savings in time, work, food and money you associate with freezer ownership! See the Golden Leisure Line! Get the freezer that's 9 ways easier!

Uprights: 15, 20, 25, 35 cu. ft. Chests: 15 and 20 cu. ft.

HARDER•FREEZ HOME FREEZER

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☐ Upright models ☐ Chest models.

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What goes over your fireplace?

Begins on page 120

Bracket lamps—scaled to the size of the fireplace—become part of the decoration. Be sure yours aren't too small. Here big hurricane lamps and a sailing picture lend a masculine look to the fireside. Picture and lamps are centered over the mantel instead of over hearth

Large accessories—like this turkey platter and the ivy planters that flank it—hold their own on a big fireplace. See how flowing ivy vines can soften the lines of the bricks. A simple treatment like this is best with an unusual corner fireplace that deserves the attention itself

Ideas!

. . . FOR CROWDED CUPBOARDS

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Dept. BH-1, TACOMA 2, WASHINGTON

Silver patterns of today

By Margo Garrity

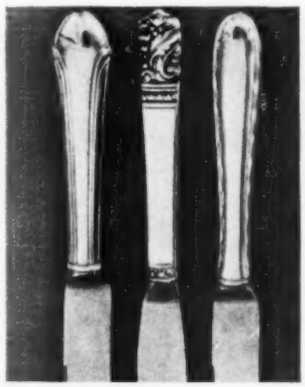
How lovely the table setting that is highlighted by elegant silver! And how smart-looking when the flatware is in harmony with the china. There are many distinctive silver patterns, each the result of years of fine craftsmanship and design. Be sure to select one that will always be available, so you can add to your pattern as you wish.

Photographs: Hopkins

Carved elegance. At left is Florentine Lace; at right, Stanton Hall.

Florentine Lace has an unusual openwork design. The pattern is a combination of the acanthus leaf, the scroll, and the flower.

Stanton Hall combines classic French flower ornamentation and a slender, strongly modeled shaft, characteristic of stately English Georgian designs.



Handsome simplicity. Left to right are Romantique, Mansion House, and Silver Flutes patterns.

Romantique expresses dignity with its sleek lines and attractive shape. Mansion House combines a Modern plain panel with rich carvings reminiscent of the Renaissance. Silver Flutes was inspired by fluting on heirloom furniture.

More on page 213

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NOW

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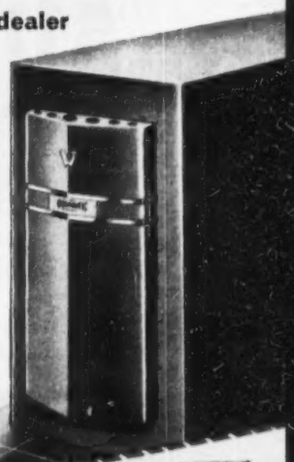

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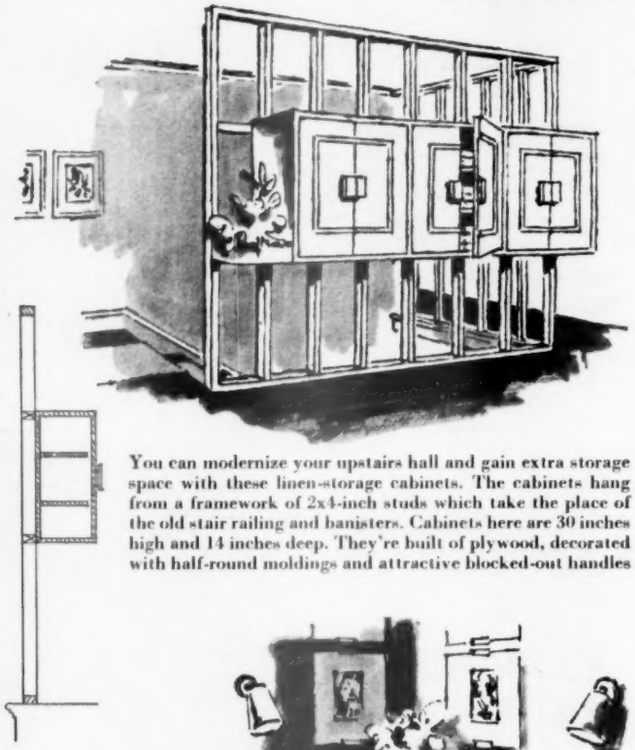
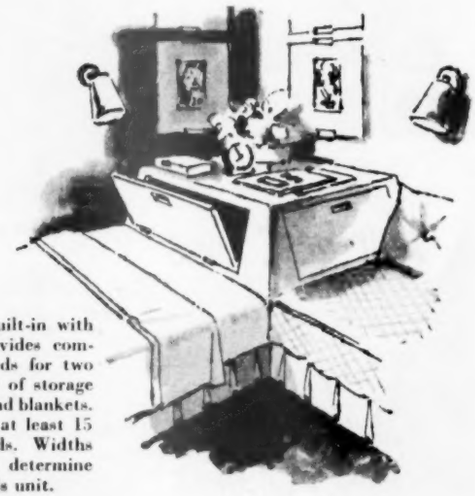
Ready-to-copy ideas for built-ins

Begins on page 70



You can modernize your upstairs hall and gain extra storage space with these linen-storage cabinets. The cabinets hang from a framework of 2x4-inch studs which take the place of the old stair railing and banisters. Cabinets here are 30 inches high and 14 inches deep. They're built of plywood, decorated with half-round moldings and attractive blocked-out handles



Here, a corner built-in with sloping sides provides comfortable headboards for two beds, with plenty of storage space for pillows and blankets. Top should be at least 15 inches above beds. Widths of the beds will determine over-all size of this unit.

This is rollaway storage for toys. Boxes can be either bin- or drawer-size to fit between the bunk springs and floor. Here you have ¾-inch plywood screwed to frame of 2x2s. Holes for casters occur at each corner. Rope handles for drawers lend nautical flavor

More on page 126

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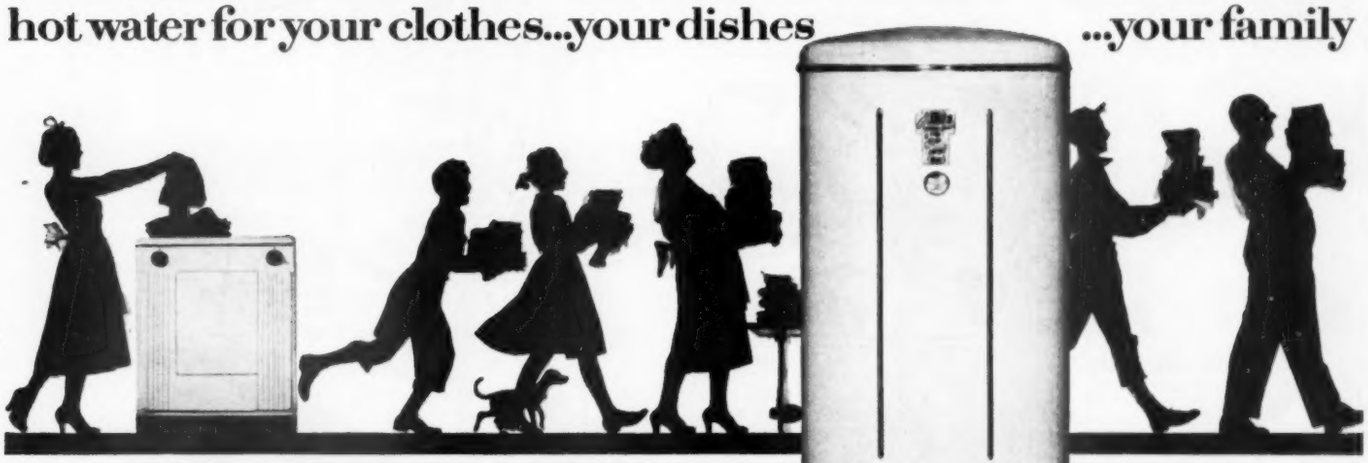

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LI'L ABNER by AL CAPP

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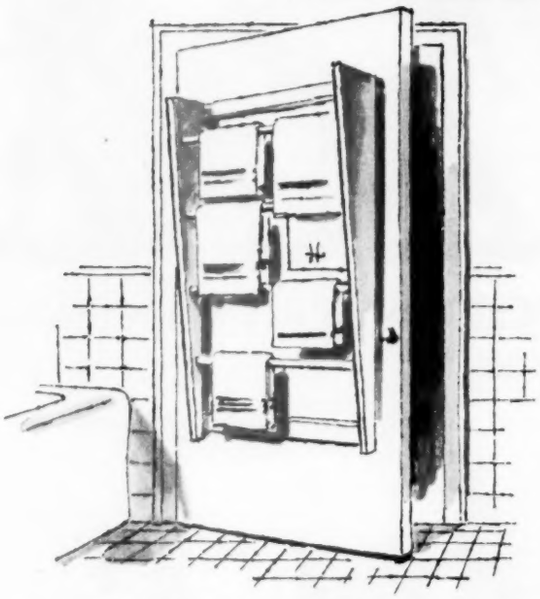
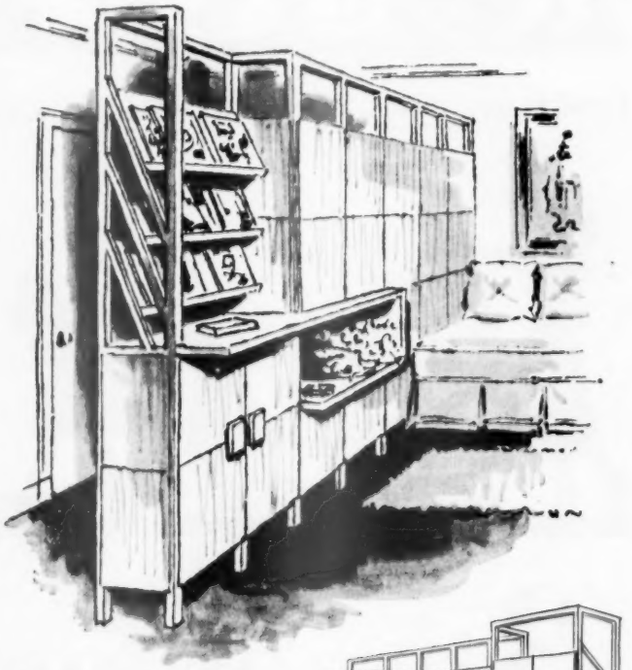
Get a QUICK start with HOT CREAM OF WHEAT.

Ready-to-copy ideas for built-ins

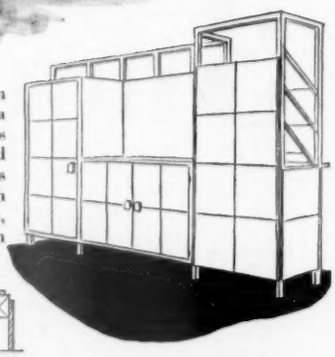
Continued from page 124

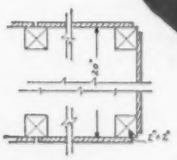


Family-sized towel rack gives everyone a rung long enough to hang bath and face towels without their overlapping. Rungs are 1-inch dowels. Drill staggered holes for them in side boards. That way, bath linen on each rung will hang out and away from linen on lower rungs for quicker drying and an easier grab



Living-room storage wall creates an entrance hall, cuts down size of a too-large room. Build frame of 2x2s and panel it with ½-inch plywood squares. The sketch below shows simple construction. Spaces, ½ inch wide, left between plywood squares, will add interest to the unit's design





How do you look to a washer salesman?

Look like a maid-less matron? Lady, an Easy Spindrier salesman could spot you for a prospect a mile away. Because Easy is really *easy* . . . both on you and on your precious clothes. Automatic Spin-rinse does the hard part of washday *automatically*. Takes 3 minutes . . . and only 3 gallons of warm water!

A harassed homemaker? There's an Easy salesman looking for you. Wants to show you how Easy's two tubs work *at once* to do your week's wash in less than *one hour!* New built-in filter screens staining impurities out of both wash and rinse water before using.

A double-duty job-holder and homemaker too? Your "working wardrobe" gets done *faster* . . . lasts longer. Easy's gentle Spiralator action thoroughly washes *all* clothes in *all* parts of tub with no scrubbing or tangling. And Easy goes on saving by doing washable drapes and slipcovers too.

A patient parent who wants a washer that gets clothes clean faster than the kids get 'em dirty? Easy was made for you! Washes and rinses bigger batches of clothes whiter, brighter than ever. Amazingly economical too . . . saves live hot suds for re-use *over and over!* Easy Washing Machine Corp., Syracuse 1, N. Y.

YOU'LL LOOK LIKE THIS when you get your new improved 1953 Easy Spindrier

With Single-shift Control! Makes rinsing and damp-drying easier than ever.

3-minute Automatic Spin-rinse! The most thorough rinsing method ever invented. Double-rinses a full load right in the spinning basket, at the turn of a tap.

Built-in Filter . . . all new . . . removes rust and other staining impurities from wash and rinse water.

Speedy Swing Faucets save live hot suds for re-use. Also rinse, fill and drain the washer.

A week's wash in less than 1 hour! No other washer at any price can match Easy's speed.

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Saves so much space in the refrigerator!

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The questions you ask

By Dr. Charles Frederick McKivergan

Here is an authoritative guide to help you help your children have well-shaped jaws and straight teeth.

No dental treatment yields higher dividends than does the correction of crooked teeth, if both parents and children cooperate faithfully. Yet many families hesitate to undertake teeth straightening because of misconceptions on the subject. The actual facts about this problem may differ from what you *think* you know.

1. Are crooked teeth inherited?

In many cases, heredity plays an important part. But the dental characteristics of a child can't be predicted on the basis of his parents' teeth and jaws alone. The various parts of his dental apparatus are apt to be a mixture of several generations.

In our present state of dental knowlege, the formation of the teeth and jaws of each individual appear to be based a great deal on chance, with environment (the things that happen to a child after birth) playing an important part along with inheritance.

2. Do crooked teeth happen more often in girls than in boys?

There is no evidence that more girls than boys have crooked teeth, although more girls than boys undoubtedly receive treatment.

3. Are crooked teeth caused by enlarged tonsils and adenoids?

For a long time, attention has been called to the dental pattern of children who habitually breathe through the mouth instead of the nose. In such cases, the upper dental arch is narrow, and the upper front teeth protrude over the lower lip. The upper and lower teeth are seldom in contact, and the lower jaw appears to hang down.

The cause for this may be some form of nasal obstruction, and enlarged tonsils and adenoids might be offenders.

Before
At 9, a severe thumbsucking habit and lack of lower-jaw growth made Jane's upper front teeth protrude

After
At 11, braces, plus device fitting around head worn at night, held back upper jaw, let lower catch up

about crooked teeth

Here are the most common questions and the most up-to-date answers on the subject of maloccluded teeth in children. Check the quiz against your own opinions

4. Can the premature loss of baby teeth cause crooked teeth?

Undoubtedly, a common cause is the loss of baby teeth too soon, usually because of decay. The first of the permanent teeth, as they come in, drift toward empty places left by lost baby teeth. Later arrivals are similarly encouraged to shift their positions. An irregular, jumbled arch of permanent teeth is the unhappy result.

Baby teeth sometimes remain long past the time when they should come out. This, too, may cause crooked teeth. The second teeth, forming in the jaws, cannot push through into their proper places. They come through outside or inside the dental arch. Your dentist, if he sees your youngster at regular intervals, will advise removal of baby teeth if they remain too long.

5. What causes crooked teeth?

The No. 1 cause is unknown. Some authorities blame our soft foods. Continued resting of chin or cheek on hand, sleeping positions which produce prolonged pressure on the jaws, continued tongue and lip biting, tongue-thrusting or lip-sucking, and abnormal finger or- thumbsucking rank high as probable causes.

This does not mean that all thumbsucking will cause crooked teeth, and there is considerable difference of opinion among dental scientists as to how much damage may be caused by the habit. Some children who are persistent thumbsuckers show little or no ill effects, while others who indulge only slightly are greatly de- [*Turn to next page*

Photographs courtesy of Dr. T. M. Graber, Orthodontic Department, Northwestern University

Before
At 8, prominent, wide-spaced upper front teeth, small lower jaw. Lower lip tangled with teeth on swallowing

After
One year later, after first phase of treatment. Appliances like Jane's made Mitchell's teeth, jaws normal

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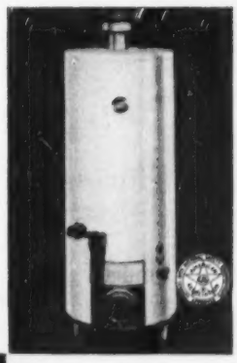
for the whole family!



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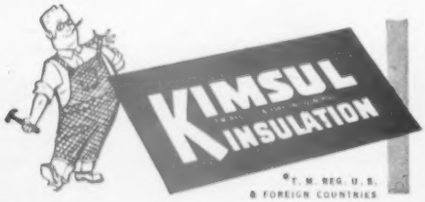
Start enjoying the exclusive advantages of America's finest insulation *now*. Look for the KIMSUL dealer who displays Mr. "Do-it-yourself" (shown below), or write to Kimberly-Clark Corporation, Neenah, Wisconsin.



A Product of Kimberly-Clark

The questions you ask about crooked teeth

Begins on page 128

formed. If the child puts his thumb in his mouth for a few minutes while falling asleep or on awakening, there is a small chance that damage will be done. If longer than this, there is danger that pressure will cause the teeth to grow out of position.

6. Are breast-fed babies less apt to have crooked teeth than bottle-fed babies?

Breast-fed babies probably are less apt to have crooked teeth, although not all authorities agree. Breast feeding strengthens the jaw muscles, and the action of the tongue, lips, and cheek muscles involved may help to guide teeth into their proper position in the jawbones.

7. Can crooked teeth cause unsocial behavior and personality defects in a child?

Many parents fail to realize how sensitive children can be to "looking different." Playmates may be thoughtlessly cruel and often too ready to single out a child with seriously crooked teeth as an object of ridicule. Teased and laughed at, such children frequently are driven to the point where they shun contact with strangers and even begin to show behavior habits that puzzle all but the alert psychiatrist.

8. How many children under 16 in the United States are estimated to have seriously crooked teeth?

It has been estimated that more than 5,000,000 have teeth crooked enough to menace their health, looks, and personalities. One study indicated that 20 percent of children under 16 need major dental care.

9. Approximately how many orthodontists (dentists who straighten teeth) are there in the United States?

Of the 86,000 practicing dentists, approximately 1,400 are full-time or part-time orthodontists. Any dentist can legally do orthodontic work, but the orthodontist has had special training after obtaining his degree.

10. Does the age of the child determine when orthodontic treatment should be started?

No, the decision has to be made in terms of the nature of the defect and the development of the child. Each child has his own timetable for teething and growth.

In general, the earlier the possible need of tooth straightening is recognized, the better for the child. Early orthodontic consultation does not mean that treatment will begin immediately, or even that it is needed. It merely recognizes that the orthodontist is the best qualified person to make all decisions from the very beginning.

11. During what age period are most crooked teeth successfully straightened?

The period from 3 to 14 years is the most favorable. Only the orthodontist can determine exactly when treatment should be started. He thinks in terms of the nature of the malocclusion, its progress, and its psychological effects on the child. There are cases, such as an underslung or protruding lower jaw, which the orthodontist will correct as soon as they are brought to his attention. In other cases, he may defer treatment until nearly all the permanent teeth are in.

12. How many years does it take to straighten teeth?

The time depends on the case. Though some cases give full response in about 1 year, the average is closer to 2 or 2½ years of treatment. If a bone problem is involved, the correction will take longer and may be achieved in several stages, ending only after all the permanent teeth are securely locked in place. Actual correction may be done in 1 or 2 years, but for a year or two thereafter, a retaining appliance may be necessary to hold the corrected positions.

13. Does large space between the front teeth mean that the child will have crooked permanent teeth?

Baby teeth of a child 4 to 5 years of age should be well spaced, a sign that jaws are growing sufficiently to accommodate the larger permanent teeth.

In many cases a space between upper permanent teeth is only a passing phase of development. The space that appears too wide when the two central incisors come through often narrows as the lateral incisors come in, and may disappear entirely when the large and powerful cuspid teeth force their way into place.

In the few cases when the frenum (the ligament on the inside of the middle of each lip, connecting lips with the jaws) is so large as to prevent the central incisors from coming together, operation is usually deferred until all permanent teeth are in the mouth.

14. Why are crooked teeth referred to as a bone, instead of a tooth, problem?

The term "crooked teeth" means irregularly positioned or malfunctioning teeth, and the fault lies with the bone that holds them in place. Living bone is probably the most easily molded tissue in the body. It is no stronger than it needs to be to perform the duties for which it was designed.

To straighten teeth, the bone that holds the teeth in place must be reshaped. When corrective appliances are put on, their mechanical force presses against a tooth.

[*Turn to page 132*

Exclusive! *Delco-Built Controls ... matched to burner for level heating comfort!*

Exclusive! *General Motors engineered for lower fuel bills ... longer service!*

The Exclusive "Rotopower" Unit

Combines all moving parts in one compact, sealed unit. Seals out trouble. Requires only *seconds* for inspection and adjustment. Assures uninterrupted low-cost operation year after year.

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Installed and serviced by Delco-Heat trained experts

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EconoTrol Top Burners mean 2-in-1 action. Start with the hot, double flame. Then click to tiny, instant simmer-center—low enough to melt chocolate without a double boiler. Ideal for waterless cooking. Save vitamins, avoid boil-overs, save gas, and so save money. HARDWICK costs less to buy, too—your savings will help buy another modern appliance for your home.

Balanced Heat Oven. Exactly the heat you set—in every corner, maintained automatically. No peeking, no turning. Four cake layers baked at one time are so identical, you can't tell them apart! Throw away your matches. EconoMatic lights oven automatically—from a tiny pinpoint pilot about ⅛ usual size.

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Questions you ask about crooked teeth

Continued from page 130

The tooth, in turn, exerts pressure on the bone, and certain cells remove bone to make room for the moving tooth. On the other side of the tooth, other cells manufacture new bone. In this way, the tooth gradually changes position.

15. Do straightened teeth have a shorter life than teeth that have not had such correction?

Years ago, when corrective appliances consisted of bars and wires in direct contact with teeth, there was always danger that cavities would develop at these points. This danger has been largely overcome by cementing bands on the teeth where there's contact.

Of course, the presence of anything foreign in the mouth encourages food accumulation, which will cause decay. But careful brushing will eliminate even this danger.

Teeth that have been straightened are just as firm and usually far more useful than before. A short while after treatment is completed, even the X-ray usually fails to reveal any sign of it.

16. Do teeth that have been straightened sometimes drift out of place again?

The correction of irregular teeth at one age does not always prevent further difficulty. If no further treatment is had, the teeth later may drift again. When retaining appliances are advised, it is important that the patient wear them. Many so-called "relapses" are the result of failure on the patient's part to cooperate.

17. Can crooked teeth in adults be straightened?

Childhood is the ideal time for teeth to be straightened, but it is not true that only children can have teeth straightened. In many cases, unsightly teeth in adults can be corrected.

18. Must some of the teeth be removed in the process of tooth straightening?

In some cases, removal of certain teeth is necessary for permanent results. Some individuals inherit small faces and bone structure from one side of the family, large teeth from the other side, so that there isn't room for all the teeth.

19. What does it cost to have teeth straightened?

The cost depends on where you live, the skill of the operator, and length of treatment. Length of treatment depends on the condition of the teeth and the amount of shifting of teeth that has to be done.

Costs range from $200 to $2,000, but only the orthodontist can give an estimate for a particular case. Perhaps the best answer is that of the parents who, looking at photographs and mouth models made of their child before and after treatment, exclaimed, "Whatever the cost, it's worth it."

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BETTER THINGS FOR BETTER LIVING ... THROUGH CHEMISTRY

Best way to vacuum a rug

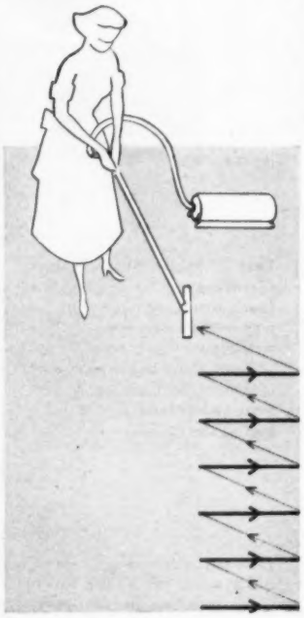
By Mary B. Settle

If you follow these easy patterns, you'll get your rugs cleaner. And of course, clean rugs wear longer.

First pull movable furniture out from the wall. Use a suitable tool to vacuum bare floor and rug around edge of room. Then push all your furniture back against wall.

To vacuum rest of rug, start near the outlet where you plug in your cleaner. For a super job, go over rug again. You'll pick up a lot of dirt the second time around.

Upright type. Slowly push cleaner full length of rug. Turn around and come back next to your first path. Long, easy strokes eliminate the jerky movements that waste energy



Tank type. Push tool 2 to 3 feet. Usually pressing on tool gets more dirt. Draw tool back diagonally.

This method is less tiring than reaching farther, pressing on the brush longer, turning corners.

first in convenience

Being able to wash both sides of your windows from inside the house is a great convenience. Modern R·O·Ws can not only be washed indoors, but can, in addition, be painted in the basement or taken to the hardware store for glass replacement.

Spring pressure construction insures snug-fit weather protection during all seasons of the year.

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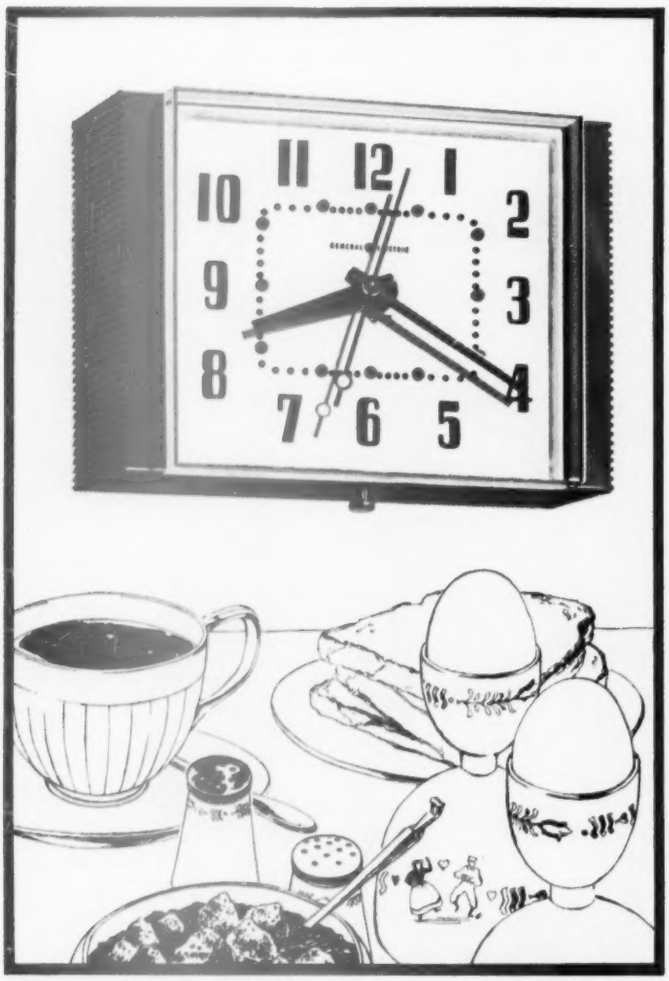

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Give your kitchen a lift for just $4.95*

Imagine how you can brighten up your kitchen with this gayly colored kitchen clock. Pick up the same colors in the dish cloths, and just a touch of the same colors in your curtains!

And what a modern-looking clock The Helper is! Available for varied color schemes . . . in red, white, or yellow. Black easy-to-read numerals. Don't forget! It's not expensive. Only $4.95.*

You don't cook on a wood stove. Then why wind a kitchen clock? Get a G-E Electric Kitchen Clock today. General Electric Company, Small Appliance Division, Bridgeport 2, Connecticut.

**Manufacturer's recommended retail or Fair Trade price. Plus applicable taxes.*

GENERAL ELECTRIC

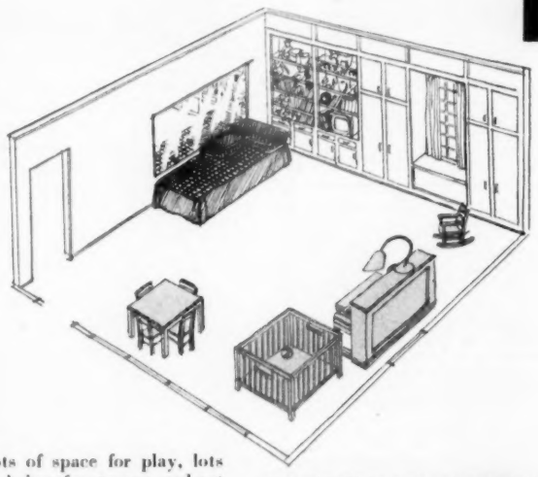
Big ideas for the

It will help your child to give him some things his own size—and it will help you, too. For instance, if you stoop down a hundred times a day to pick up toys, why not give your child a special place to store his playthings? Make it low enough for him to reach his toys easily—and to put them away by himself.

And, if there's always a litter of toys on your living-room floor, maybe you could find a separate room where your child can spread out his things to his heart's content, and still not be underfoot.

You may be able to get that extra room without building onto your present home. You could make a room out of your garage, for instance. A simple carport could take care of the car.

There are many other ways in which you can give your child some space of his own. Pictures on this, and the following pages show how parents have solved this problem.



Lots of space for play, lots of shelves for storage, and not much furniture to get in the way — that's the secret of a well-planned playroom.

Here, there is a drawer and a cabinet for each child. The door at left leads to the back hall of the house.

Dad can read in peace and quiet when the young musicians practice in the playroom "music corner."

Two walls were papered to match the really-brick wall that's also the side of the house. The brick-and-ivy pattern is a companion paper.

small fry

"How d'ya' do, Mrs. Brown. How are you today?" When the dress-up game is over, the children will stuff the clothes into the chest that, with the lid down, doubles as a window seat. The large mirror on the wall at left makes a big hit with the kids when they're playing "grown-up." This playroom was once the garage of the Randolph Thrower home, Atlanta, Georgia

Photographs: Branham

Now that cars don't use the concrete driveway, it's perfect for tricycle riding and roller skating. And it's level with the playroom floor, so even a small child can wheel his toys inside at night. Each girl plants and takes care of her own flower box

More photographs on page 137

Actual color photograph: Ceiling, 12" x 12" Celotex Textured White Tile Board. Walls, Celotex No. 78 Ripple Blend Finish Plank.

Gay all-purpose room for modern family living

Build it with Celotex for only $54*

Lucky the family that gets an all-purpose room like this! Newest idea in home planning, it's sure to be the most loved and lived in room in your home. A friendly spot for every activity from quiet evening together to gala party. And it's typical of the charming rooms so easily, economically built with Celotex Insulating Interior Finishes!

These attractive structural panels build, insulate, decorate. All at *one* cost! To build new rooms in unused space such as a basement or attic, just staple or nail Celotex Insulating Interior Finishes to wood framing. To modernize existing rooms, simply apply over old, cracked walls and ceilings.

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MOST POPULAR WEAR-EVER TOP-STOVE UTENSILS

Wear-Ever Sauce Pan Set. 1, 2 and 3-qt. sizes. Smooth bottoms, rounded, easy-clean corners; cup marks. Set **$2.95***

Wear-Ever French Fryer. Patented swinging rest and non-drip basket; capacity marks. 2-qts., **$1.95*** (Also a 3-qt. size).

Wear-Ever College-Educated Perk. Includes deliciousness features based on University research. 2 to 16-cup sizes; 6-cups, **$3.50***

Wear-Ever College-Educated Drip Pot. Based on University research, for drip brew lovers. 2 to 12-cup sizes; 4-cups, **$3.75***

Wear-Ever 3-Way Cooker—a double boiler, a covered sauce pan, a baking dish. Cup marked. 2 and 3-qt. sizes. 2-qts., **$2.75***

Wear-Ever Sauce Pots come in 2, 3, 4, 6 and 8-qt. sizes. Each has a dome cover and capacity marks. 2-qts., **$1.75***

Wear-Ever de luxe Griddle. Bakes perfect cakes with no grease, no smoke, no odor. For frying, broiling, too. 12¼", **$3.10***

Wear-Ever French Chef Fry Pan. Extra thick; rounded, to slide food to plate. 7½", **$1.95*** (Also available in 8½").

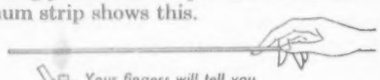
Wear-Ever Chicken Fryer and Dutch Oven. Extra thick, with heavy cover and excess steam vent. 10¼" size is **$5.25***

Wear-Ever Egg Poacher. More deliciousness, easier. Also heats baby foods, melts butter, chocolate. 2-cup, **$1.60*** (Also a 4-cup size).

Wear-Ever Aluminum Foil protects food freshness and flavor. Keeps broiler, oven clean. Wrapped roasts are juicier, shrink less. Available in both household and freezer weights.

3 Reasons Wear-Ever Helps You Cook Better

1 Wear-Ever aluminum spreads heat amazingly fast. A simple test with an aluminum strip shows this.



Your fingers will tell you heat races through aluminum.

In a Wear-Ever utensil, heat spreads speedily *away* from scorch areas, so that the entire pan cooks the food, and *more evenly*.

2 Gleaming, friendly-to-food aluminum assures utmost protection to food purity and wholesomeness.

3 The Wear-Ever trade mark means QUALITY and long years of DURABILITY. Each pan is made of the right thickness of hard, tough aluminum to give best results. Over years to come you'll always be glad you have the best.

WEAR-EVER ALUMINUM TRADE MARK REG. U.S. PAT. OFF.

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YOU'LL JUST LOVE the easy way Wear-Ever Cleanser Pads keep aluminum shining.

See Wear-Ever on the ALCOA Television Program "See It Now" CBS-TV Network, every Sunday.

WEAR·EVER Aluminum ... Friendly to Food

The Aluminum Cooking Utensil Co., Dept. 1702, New Kensington, Pa.

Big ideas for the small fry

Begins on page 134

Walker

There was no place for Penny to keep her toys when her parents, the Maurice Wellses, moved into their house in Wilmette, Illinois.

So they decided to build shelves and cabinets along this wall.

Hedrich-Blessing

The low shelves make toys easy to reach and to put away. The "way up high" ones store the seldom-used "treasures."

Penny's parents made the slant in the wall less noticeable by building the top shelf into the slope of ceiling. Decorator: Marion Heuer, A.I.D.

A clothes horsey gives a come-hither look to Penny when she is tempted to drop her dress on the floor or nearest chair.

You could make a horse like this. You can use dowels—or even old broomsticks—for the legs, neck, and crossbar.

More photographs on next page

Viko chairs in rich fade-resistant colors are charming and practical in any room. (Color range shown in panels at upper left of picture below.) Viko upholstered nubian steel furniture by BAUMRITTER, 171 Madison Ave., New York 16, N. Y.

You'll be sitting pretty and saving plenty

Distinctive chairs with colorful upholstery of VINYLITE Brand Plastics

● This is the amazing upholstery that's always so ready for fun and free from fuss. Beautiful and *practical*; pets and children leave nary a telltale mark—for VINYLITE Brand Plastics are highly resistant to dirt, scratches and scuffs—wipe clean in a jiffy! And handsome! These Viko chairs have the style that give a lift to any setting.

And upholstery is just one of the many, many ways—from colorful table covers to lightweight rainwear—that durable VINYLITE Plastics can make living brighter and better for very little cost. You can be sure of satisfaction and fine quality when the label says "Made of VINYLITE Brand Plastics"!

You know it's right if it's

VINYLITE TRADE MARK PLASTICS

Only the superior technical resources and vast experience of Bakelite Company could maintain the high quality of VINYLITE Plastics. They are made to meet the most demanding expectations of defense and basic industry.

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Here's the easiest beauty your floors ever had!

Sparkling bright wood floors and linoleum take only minutes the Bruce "clean-as-you-wax" way

Illustrated · Bruce Block Floor

Wood floors are naturally lovelier when there is no harsh scrubbing and mopping to rob them of their beauty. Bruce Cleaning Wax gets them *really* clean as you wax. It melts away even the most stubborn dirt and marks. At the same time, your floor gets an extra-heavy coat of fine durable wax that *keeps* its protective lustre through weeks of hard wear.

For gleaming linoleum or a lighter coat of wax on wood floors, you'll prefer Bruce Floor Cleaner. It gives you the same easy "clean-as-you-wax" floor care with less wax.

Another handy helper is the long-handled Bruce Doozit, shown at right. Use Bruce Floor Cleaner or Bruce Cleaning Wax with the Doozit to do your cleaning and waxing standing up. You'll find it a big improvement over an ordinary cloth. It keeps you off your knees!

BRUCE

floor products

guaranteed by the world's largest maker of hardwood floors

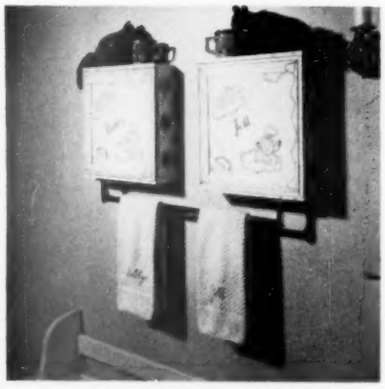
E. L. BRUCE CO., MEMPHIS, TENN.

Big ideas for the small fry

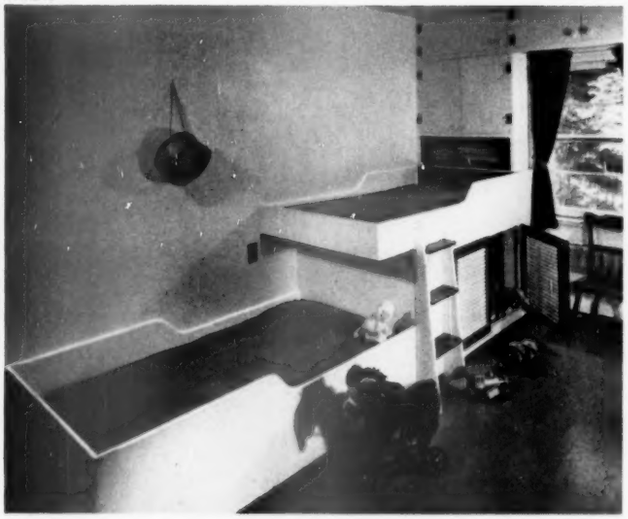
Continued from preceding page

Even washing your face and brushing your teeth are fun when you can keep your things in your very own bathroom cabinet—with your name on it, too!

Children are more careful to use their own things when the articles, like the towels above, are cleverly and clearly marked.



Howland



These fellas got more play space when their folks gave them overlapping bunks. And they can stow away lots of toys underneath the higher one. From the Frederick Smith home in Ossining, New York

de Gennaro

No more of perching on books to eat at the grownups' table. Counter drops down to the kids, clearing the window and making a breakfast bar for four in a small kitchen. Elias Rees home, Salt Lake City, Utah

Now! A better-looking longer-lasting exterior for your home!

NEW! MASONITE SIDING

A PRESDWOOD PRODUCT

Holds paint better, longer . . . takes less to cover.

Better protection, less upkeep for every home, new or old!

Make your home more attractive, give it more real character, and save money through lower maintenance costs from now on.

How? Use strong, durable Masonite Siding—the brand new member of the famous Masonite Presdwood® family. It has already won enthusiastic support among architects, builders and contractors. Here's why:

Adds distinction! Choose the width you like: conventional 12-inch, wider 16-inch, or extra-wide 24-inch. Shadow-line wood strips create modern deep shadows. Allow smaller overlaps—put more of the width to work.

Saves money! No waste! Masonite Siding has no knots or grain—each square inch has the same even texture as the next. Comes packaged in clean, true-cut 8, 10 or 12-foot lengths.

Out-weathers the weather! Summer's sun and rain, winter's cold and snow—even hailstones don't bother this dense, all-wood hardboard. Will last the life of your home.

It's smoother! Entirely without grain, its smooth, even surface won't check or crack the finish. Takes less paint ...your next paint job is *extra* years away...will be easier, quicker, less expensive.

It's stronger! Resists dents, bumps, knocks, scrapes and other surface injuries. Won't split, splinter or crack. Won't rot or decay. Won't push nails out.

Masonite Siding is offered in 5/16" and 1/4" thicknesses. See your building materials dealer now. Send coupon for complete details.

Uniform lengths... easier to apply... more economical.

Out-weathers the weather . . . gives permanent protection.

better hardboards for better homes

Tested For Years

Exhaustive tests, both in the laboratory and on homes already built and lived in, have proved the strength, lasting good looks and economy of Masonite Siding. As original siding for new homes or for re-siding of older homes, you can specify Masonite Siding—for lasting satisfaction!

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Please send me complete information about Masonite Siding and other uses of Presdwood.

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Address.....

City and Zone.....*State*.....

"Masonite" signifies that Masonite Corporation is the source of the product

Chlorodent gives you a Cleaner, Fresher, Healthier Mouth!

proved by test... after test... after test!

CLEANER!
***Proved* at famous university!**

University dental experts made 395 tests with white, ammoniated and chlorophyll toothpastes . . . found that Chlorodent's patented cleansing ingredient kept teeth *cleanest*. Chlorodent also strikes at the very causes of tooth *decay*. Use it regularly!

Chlorodent keeps teeth sparkling!

FRESHER!
***Proved* at leading laboratory!**

In nearly 1000 tests, scientists compared Chlorodent with a nationally known non-chlorophyll toothpaste for controlling bad breath. Chlorodent's special chlorophyll* formula stopped bad breath *instantly*, gave *twice* as many people freedom from mouth odors for up to four hours.

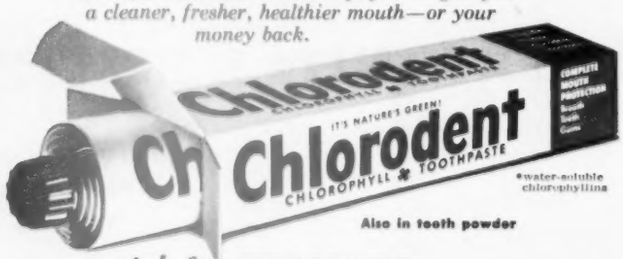
Chlorodent *destroys* mouth odors!

HEALTHIER!
***Proved* at Boys Town!**

Boys Town dentists found Chlorodent *twice* as effective as a fine white toothpaste for quickly reducing acute gingivitis, a widespread mouth disorder. Boys Town co-operated in this research wholly in the interest of child health. See your dentist if mouth troubles persist.

416 boys took part in this research.

Unconditionally guaranteed by Lever Brothers Company to do more for you than any other dentifrice —white, ammoniated or chlorophyll—to give you a cleaner, fresher, healthier mouth—or your money back.



Also in tooth powder

Ask for ***CHLORODENT***
World's Largest Selling Chlorophyll Toothpaste

What's the truth about power steering?

Begins on page 119

What would happen if the belt or belts driving the power-steering system's oil pump would break, or if the system would fail in some other way?

The possibility of belt breakage or power-unit failure is very remote. Should it happen, the driver merely continues to steer by conventional, mechanical means, as though there were no power steering on his car.

How much servicing does power steering require?

Practically none. The oil need never be changed; oil rarely has to be added. The built-in filter requires no changing. The only service needed might be an infrequent adjustment.

Is power steering dangerous at high speeds?

Power steering increases safety at any speed by giving the driver more control over his car. The higher the speed, the less time a driver has to do something in an emergency. The faster his steering works, the more steering he can do in the few seconds he might have to "steer out" of impending trouble.

What happens if a tire blowout occurs or the car wheels hit a road obstruction?

The possibility of losing control of the car is greatly minimized by power steering. Effort required to resist the deflection is only one-fourth to one-fifth of that required with conventional steering.

Do wheels automatically return to a straight-ahead position when a turn is completed?

Yes, as quickly as with conventional steering. Since the driver is not applying the effort required to hold wheels in a turned position, the wheels seek a straight-ahead position. Power steering does not impede them in any way.

Does power steering work when the car is not moving?

Power steering helps you turn the wheels whenever the engine is running; it does a full job when the engine is only idling.

Does power steering affect control on icy or wet roads?

Power steering gives more control because of more positive steering. It enables you to steer more quickly and thus make faster corrections if the car skids.

Does power-steering unit make any noise audible in the car?

No. The only awareness the driver has of power steering is the ease of his steering and, if a lower steering-gear ratio is incorporated, the quicker response of wheels to his steering.

Is power steering here to stay?

Definitely, and it soon will be available on cars of all price classes. No other major automotive device has attained such popularity in the same length of time. Not even automatic transmissions gained such swift acceptance; power steering has been available in passenger cars for less than two years.

Power steering has a long history of use in trucks, heavy road-building equipment, and special-purpose vehicles. The idea is old in many other applications from ships' rudders to airplane control surfaces.

Will the cost of power steering come down?

It will. Any new device, introduced to a relatively limited market, is expensive. As production facilities are expanded, and as engineers develop more economical designs and methods of manufacture, power steering will cost less. It is not unreasonable to expect, in perhaps five years, that the price of power steering will drop to about that of a good automobile radio.

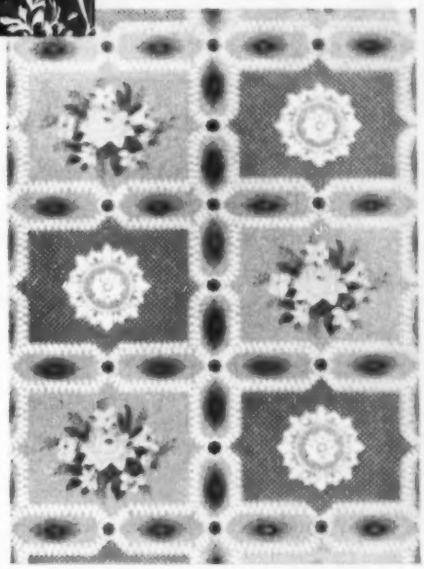
BETTER HOMES & GARDENS

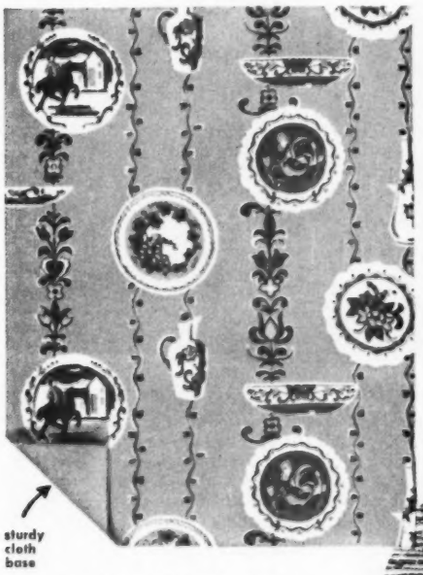
"That's the first time I ever drove the car *through* a tree!"

There's unusual beauty in Wall-Tex patterns specially designed for bathrooms. Splashproof, steamproof, non-absorbent surfaces. Cloth base keeps walls safe from plaster cracks, protects permanently.

Your walls will look lovelier longer with Fabric

In Wall-Tex fabric wall coverings, it's the cloth base that gives this beautiful decorative material so much of its style and charm. It's the fabric that adds depth to the designs and colors and lends soft, rich beauty to every Wall-Tex pattern. Decorate with Wall-Tex this year and know the satisfaction that only *fabric* can provide. Mail the coupon for color folder and Wall-Tex swatches.





sturdy cloth base

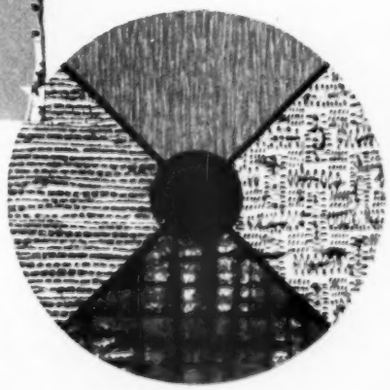
Widely varied designs and colorings for kitchen and dining areas. Colors are soft, clear, uniform. All are safely washable, keep their fresh, bright beauty, look lovely for years.

All rooms, new or old, look richer in Wall-Tex. Styling with a fresh approach, color combinations, solid colors for any interior. Related patterns for pleasing effects in today's open room planning.

Pre-trimmed, easier to hang!

Do you enjoy creating new beauty in your home? It's much easier with pre-trimmed Wall-Tex. Rolls are only 24 inches wide, trimmed straight and true, edges meet and match perfectly. Fabric is strong, no danger of tearing. Anyone can apply Wall-Tex.

Sensibly priced by the single roll (36 sq. ft.) at only $2.90 for solid colors and $3.15 for print patterns, Wall-Tex is indeed a great decorating value.



Texture's the thing in decoration today. Here are four popular all-over textured designs in Wall-Tex. See them and many more in your dealer's Wall-Tex display.

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fabric wall coverings

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Suds-Miser AND THE Seven Rinses

Suds-Miser—stores good, sudsy hot water for re-use, returns it promptly to wash successive loads as Clinic-Clean as the first!

Seven Rinses—six swirling spray rinses plus one deep-agitated rinse...to rout every last trace of soap and dirt!

Agiflow Action—Whirlpool's perfected agitator washing method sends vitalized suds surging gently through fabrics.

Germicidal Lamp—Floods clothes with fade-free, sunlike rays to freshen garments.

Cycle-Tone Signal—Its timely call means *wash is done*, ready for your Dryer.

So many other washday delights: Flexible Timing... Automatic Filling... Fingertip Door Release... 5-Year Warranty on Transmission.

Whirlpool beauty of design again honored by the Fashion Academy.

Beautiful as the work it does!
Your Wonderful Whirlpool assures you perfect performance... its brilliant design contributes to the beauty of your home. And the welcome results of its flawless operation are economy of time, effort, and money. No other washer gets clothes so clean, so gently, at such savings. You'll want to see your Whirlpool dealer today!

WHIRLPOOL—AMERICA'S FIRST FAMILY IN HOME LAUNDERING

WHIRLPOOL CORPORATION, St. Joseph, Michigan. In Canada: John Inglis Company, Ltd.

Three homemakers' ideas for—

Solving the sewing storage problem

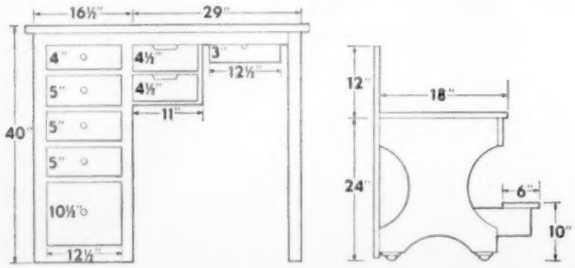
By Charlene Warren

Photographs: de Gennaro

In the utility room

A completely equipped sewing unit fits into less than 4 feet of counter space in the Harold Frerks home (see detail drawing below).

Pull out built-in chair to reveal three drawers for small supplies. A section of the counter is hinged—lift it to lower the machine into counter. Cupboard above and drawers at left store fabrics and patterns. Pressing equipment is behind sliding door at right.



In the kitchen

Here, between the refrigerator and storage drawers in the W. P. Wipff home in Dallas, Texas, a space was left just large enough to accommodate an open sewing-machine cabinet. Wall light is spotted at left to fall directly on sewing. Architect: Howard G. Decker, Jr.

Frank L. Gaynor

In an unused closet

This nook—once a closet—holds everything needed for any sewing job.

Well worth adapting is this idea from the Harold Adamson home in Tucson, Arizona, which could be used to fit a corner of a den or bedroom for sewing.

A sliding door of neat, striated plywood pulls shut to hide nook when it's not in use.

The arrangement is ideal for homemakers whose sewing projects are interrupted often, and who want to get their clutter out of sight in a hurry.

The Best You Can Buy—

adds new beauty to your home . . .

new freedom to your washday . . .

Wonderful Whirlpool

AUTOMATIC **DRYER***

any day . . . any hour . . . the fastest, gentlest drying known—with exclusive

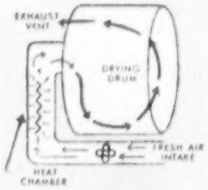
ThermaFlow Action

To the owner of Wonderful Whirlpool comes lasting pride in its distinctive beauty. To her every washday it brings labor-less laundering through features perfected by Whirlpool craftsmen. Exclusive *ThermaFlow Action* creates the drying-est breeze ever . . . dries your biggest wash faster, fluffier, fresher, in effortless minutes!

Force-Flo Venting whisks moisture and lint to outdoors, easily, thoroughly.

Selective Temperature provides exactly the right warmth for each fabric! Safeguards new miracle materials.

• Also clothes-protecting Satin-Smooth Drying Drum • Clothes-freshening Germicidal Lamp • Interior Light • Automatic Ignition on Gas Dryer.



In ThermaFlow Action, incoming fresh air is economically pre-heated . . . enters heat chamber (from which tumbling clothes are shielded by protective wall) . . . flows in precision drying pattern through drum . . . and is vented by extra-efficient fan action.

*Choice of Gas or Electric models.

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JEWELRY
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...this message can save you money!

New, single insurance policy takes the place of six...gives broader protection at lower cost

North America announces a brand-new insurance policy to provide broadest protection at a new, low cost.

This new Valuable Personal Articles Policy* takes the place of six separate policies now being used to insure furs, jewelry, silverware, camera equipment, musical instruments, stamp and coin collections. It gives more complete protection for a *single*, low premium.

The new policy—certainly a most progressive step in the insurance field—can be written to cover all or any of the six classes of personal articles, depending on the needs of the policyholder.

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The VPA Policy is now in the hands of North America Agents, who have complete information on how to fit it into existing insurance programs.

Ask the North America Agent to explain all the advantages of this money-saving insurance policy. It has been developed specifically by North America—"pioneers in protection"—to bring this essential protection within reach of everyone.

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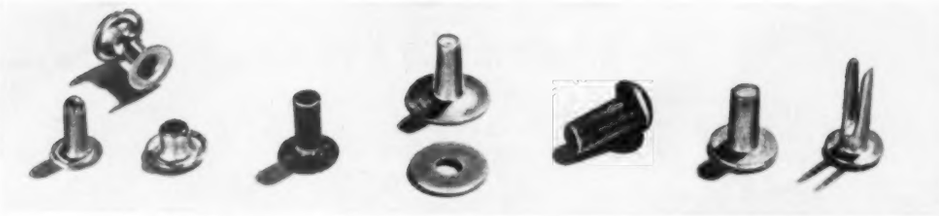


Two-piece hollow | Tubular | Solid | Split

Repair it with a rivet

By Bob Gilmore

Next time you're prepared to discard something that's broken around your house, think twice—maybe you can repair it very easily with a rivet or two.

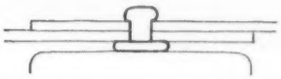
Riveting requires no special tools. It takes no special techniques or training. All the rivets you'll use in small repairs won't cost more than a few pennies, and your neighborhood shoemaker or your hardware dealer will be able to furnish all the types you'll need.

Solid, tubular, and split rivets will fasten sheet metal, thin wood, and thick plastics. Tubular and split rivets will take stout hold in leather and strong cloths. For extra strength in wood or leather, cloth or plastic, there are rivets with washers.

And for the greatest [*Turn to next page*

Solid rivets

1 Lay one sheet over the other. Drill a hole through the sheets and put rivet in place

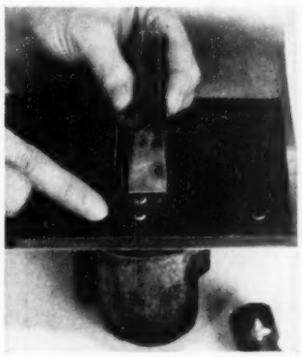


2 Press the sheets together. Hammer rivet to shorten it and secure it snugly in hole

3 It is wise to round the head on the rivet by hitting it with slanting hammer blows

Rivet for metal should not be too loose in hole, and its end should project no more than one diameter.

Use hammer and a nut (or deep hole in rivet set, lower left) to push sheets tight together against head.

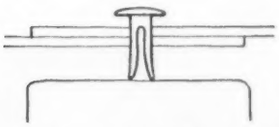


In second step, use vertical hammer blows to spread rivet in hole and begin its head (rivet at right).

Rounded head at left is finished with succession of slanting blows, or molded with cup on the rivet set.

Photographs: Fein

Split rivets



1 Simply drive the split rivet through sheets of material laid flat on the bucking block

2 Rivet legs will spread and curl flat when they strike the solid bucking-block surface

Split rivets come boxed in assorted lengths, with special holding tool.

Snap rivet into the spring claws of the tool to hold it for starting. Aim it straight into the material, then drive it, and pull the tool free.

With rivet started and driven perpendicular to the bucking block, its legs will spread and curl outward.

This flattens rivet and grips firmly in underside of material, as in belt. Wire-holding tool is shown at bottom.

it's fine upholstery

Rich colors and smart patterns.
Comfort, long wear and ease of cleaning. Practical beauty for any room. That's Masland Duran on all types of furniture. Write for free folder with sample.
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Dept. B-2, Philadelphia 34, Pa.

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DON'T MAKE OUR MISTAKE!"

"Our fireplace smokes. It cost us a lot of precious money to learn that we could have made sure of a *perfect* fireplace . . . one that heats the whole living room...by simply specifying a Heatilator* Fireplace."

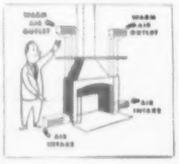
BUILD your fireplace around the Heatilator Fireplace unit. It gives you the cheer of an open fire plus cozy warmth in every corner of the room. Draws air

from floor level, heats it and circulates it to warm all the room and even adjoining rooms. Saves heat usually wasted up the chimney, and gives you full value for every cord of wood you buy!

WILL NOT SMOKE. The Heatilator unit is a scientifically designed, heavy-duty steel form, around which any style fireplace can easily be built. Assures correct construction, eliminates common causes of smoking. The Heatilator unit provides all the vital parts . . . saves the cost of a separate damper, firebrick and masonry otherwise required. Adds little to cost, yet gives you lifetime assurance of a fine, *working* fireplace.

IDEAL FOR SUMMER CAMPS. Architects and builders agree! A Heatilator Fireplace makes camps and summer cottages usable weeks longer in spring and fall, even on cold winter weekends. Ideal for basement game rooms, too. In mild climates, it often furnishes all the heat needed.

PROVED BY 26 YEARS USE. Hundreds of thousands of happy users. Look for the name "Heatilator" on the dome and damper handle of the unit you buy. Accept no substitute. See it at leading building material dealers everywhere. Send for fascinating *Free* fireplace booklet today!



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Please send free booklet showing pictures and advantages of the Heatilator Fireplace.

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Address.....

City..... Zone..... State.....

Repair it with a rivet

Begins on preceding page

ease in fastening soft materials, there are two-piece hollow rivets that practically put themselves into place, and they will hold with a vicelike grip.

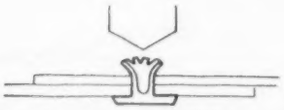
You'll need a hammer—any kind will do—plus a second hammer, a block of steel, a vise top, or a hatchet to use as a bucking block under the rivet.

The rest is nothing more than a few hammer taps.

Tubular rivets

Hollow rivets, like the solid ones, should project no more than one diameter through thicknesses of material. Insert in punched or drilled holes, or drive in over a soft block

1 Drive rivet with wood or lead bucking block



2 Begin curl of rivet end with center punch

3 Vertical hammer blows spread rivet walls

Turn material over (head down) on steel bucking block. Use washer in thin materials, none in anything as thick as saddle leather. Start curling with center punch; then hammer

Two-piece hollow rivets

Easiest of all to use, two-piece hollow rivets come in handy for a lot of those household repair jobs.

First step in using them involves punching or drilling the proper-size hole in the materials to be mended. Next, insert the tapered piece from underneath. See below for final step.

1 Push tapered portion of rivet through the material. Slip the hollow portion over it

2 Lay rivet on the bucking block and drive the two parts together with vertical blows

Now, with rivet head placed on the bucking block, strike it with vertical hammer blows until flat and secure. A rivet seal is very practical, simple, and it will last indefinitely

Fordomatic Drive, Overdrive and white sidewall tires optional at extra cost. Equipment, accessories and trim subject to change without notice.

'53's leader is the '53 Ford !

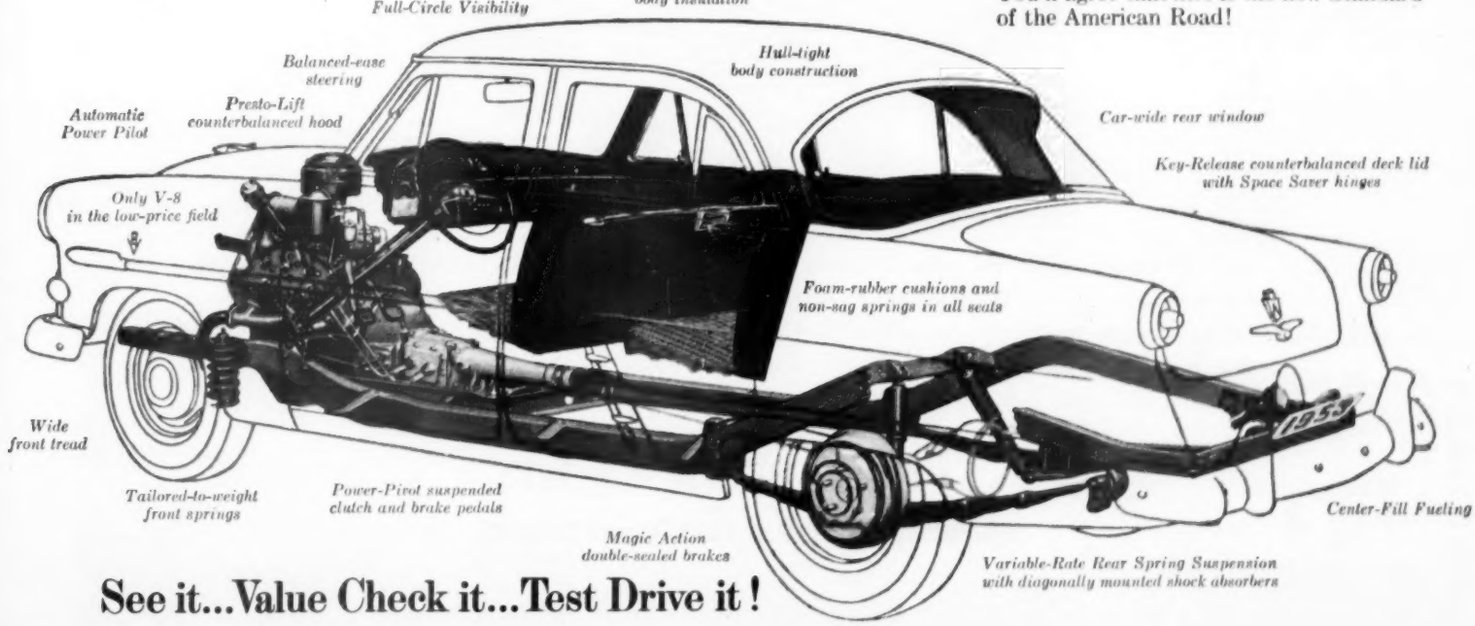
With 41 "Worth More" features it's worth more when you buy it... worth more when you sell it... the new STANDARD of the AMERICAN ROAD

This '53 Ford leads them all in what you *need* for today's driving.

You get the "Go" you need for today's longer driving distances. You get the comfort of Ford's new, perfectly balanced Miracle Ride that gives you a new concept of riding comfort and quiet. You get more living room and baggage space than in any other low-priced car. And you get the car that sets today's styles.

See this beautiful new Ford. Value Check the 41 "Worth More" features that help make it worth more when you buy it . . . worth more when you sell it. Test Drive it. You'll agree that *here* is the new Standard of the American Road!

Here are a few of the 41 "Worth More" features that establish the '53 Ford as America's new standard of value.



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In America's Finest Wall Paint

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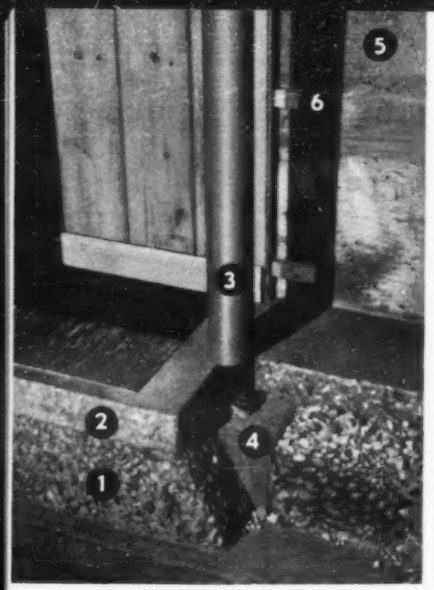
Deep, rich, distinctive colors of gracious Williamsburg yesterdays are available now in Pittsburgh's *improved* Historic Paints. These superb finishes are self-sealing and one coat covers most wall and trim surfaces uniformly. Practically odorless, they dry quickly to a beautiful eggshell sheen that is enamel-like in toughness and withstands repeated washing. Combining modern chemicals with the finest natural raw materials, these new Historic Paints give you traditional Williamsburg colors in *the finest-quality paints ever made.*

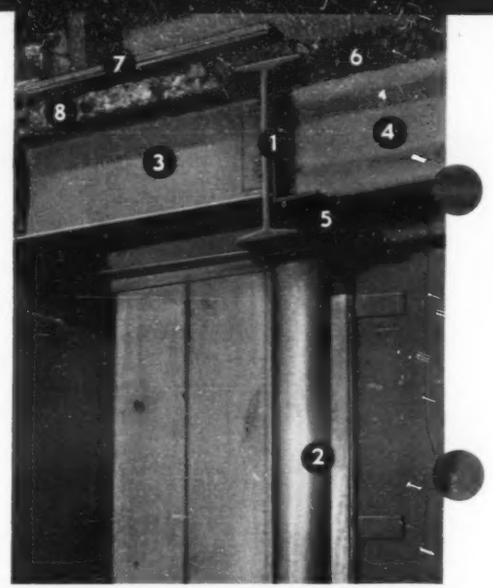
PITTSBURGH PAINTS

PAINTS • GLASS • CHEMICALS • BRUSHES • PLASTICS

PITTSBURGH PLATE GLASS COMPANY

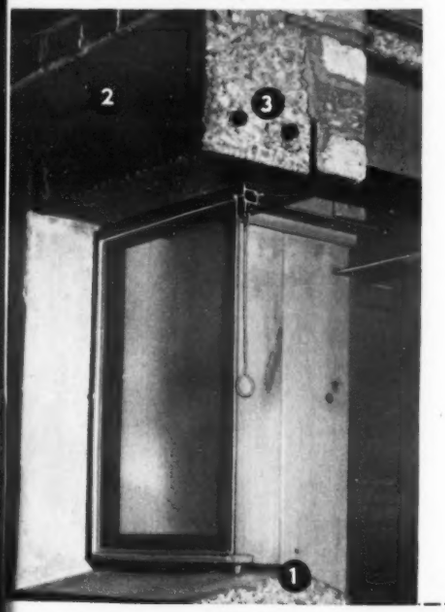


Basements. Gravel (1) level with top of footings supports slab floor (2). Lally column (3) bolted to pier (4) supports first floor. Brush-coat rough walls (5) with cement, or panel on furring strips (6)

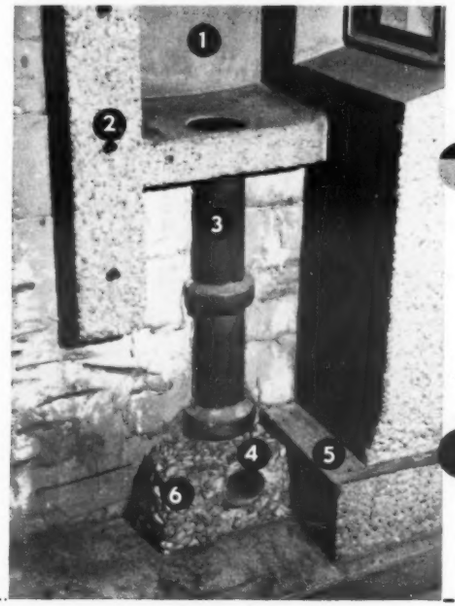


Floor support. I-beam (1) bolted to lally column (2) carries joists, whether steel (3) bolted on, concrete (4) bolted to lintel (5), or wood resting on I-beam. Cast floor (6) is reinforced. Wood floor (7) rests on sleepers (8) embedded in thin concrete slab

Basement sash. Sill (1) is either cast (with block walls) or poured as part of concrete. Lintel (2) is either cast concrete reinforced with rods (3) or is steel. Basement sash are usually metal and project in



Window wells. When concrete, wells (1) are poured with foundation walls and reinforced (2) against frost. Bottom of well is drained by 4-inch tile (3) leading to draintile (4) at footing (5) which leads through gravel (6) to either storm sewer or dry well



Better Homes & Gardens **HANDYMAN'S CORNER**

Whether you're building, remodeling, or buying a home already built, you'll do better if you know . . .

How a house is put together

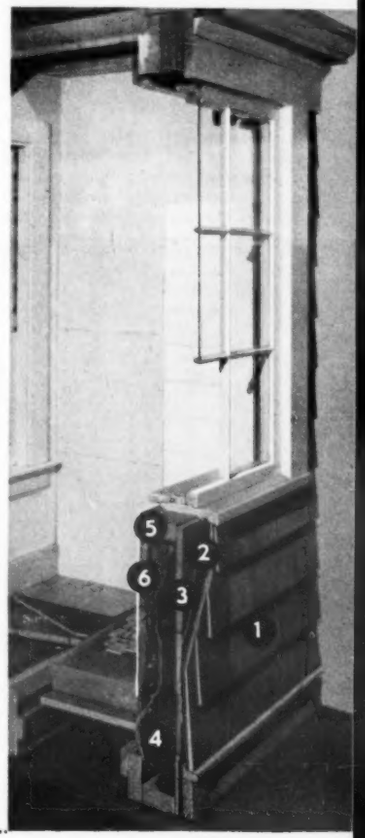
Here's a remarkable tour of that unseen realm below floors, above ceilings, behind finished walls and woodwork. Wait, you say! Pretty meaty fare for afterhours handymen. Leave that to the architects and contractors who make their living knowing such stuff!

True, most of us will still rely on the experts. But as building costs mount, so do the reasons for understanding a house.

Readers of *Better Homes & Gardens* know that many handymen are going all the way—are doing complete remodelings, are adding rooms, are even building entire homes. The need to know a rafter from a joist has been dramatized here, and yet is no more crucial for them than for persons buying an existing house or having a new house built to their well-hashed dreams of size, shape, and cost.

Even the fellow whose good works stop at hanging a picture or replacing a shingle can find it pays to X-ray the basics.

Display from which cutaway photographs were made is a permanent exhibit at First Federal Savings & Loan Association, Chicago.



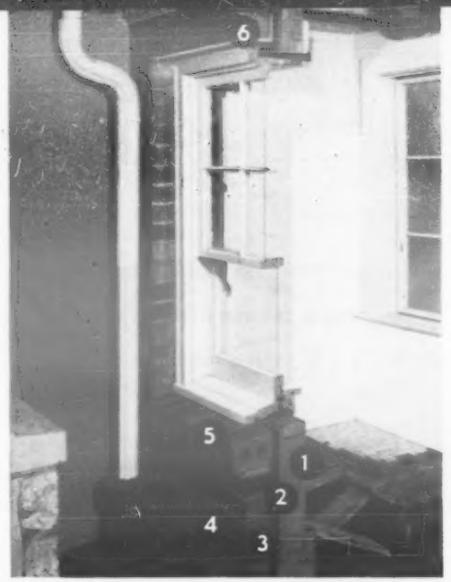
Frame construction. From outside in: Exterior siding or shingles (1), vapor barrier (2) applied over wood or composition sheathing (3), insulation (4) packed between studs, window framing (5), either lath and plaster (6) or plasterboard wall surface

More on next page

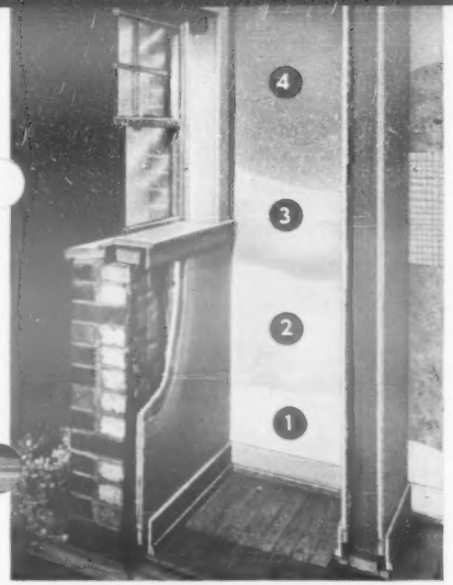
How a house is put together *Continued*

Roof framing. Joists (1) and rafters (2) are nailed together, rest on top plate (3)

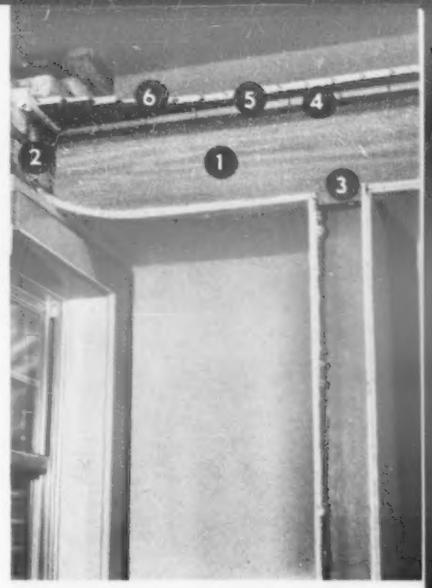
Floor framing. Floor joists (1) strengthened by bridging (2) support subfloor (3) laid diagonally, wood flooring or plywood (4), resilient flooring (5). Concrete base (6) for tile rests on forms (7) and joists



Brick veneer. Stud wall (1) is separated from face brick (4) by vaporproof insulation (2) and air space (3). Sills (5) are half-bricks sloped to drain. Angles (6) carry weight of bricks over openings. Window stool inside is the same as used in frame buildings

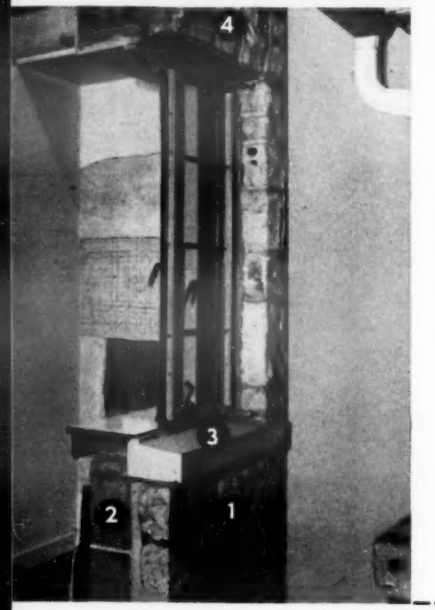


Painting. Plastered walls should cure for at least a month. Then raw plaster (1) is covered with a primer-sealer (2), second coat (3) that completes the seal and approximates the final color, and a third coat (4) that gives final color and the desired finish

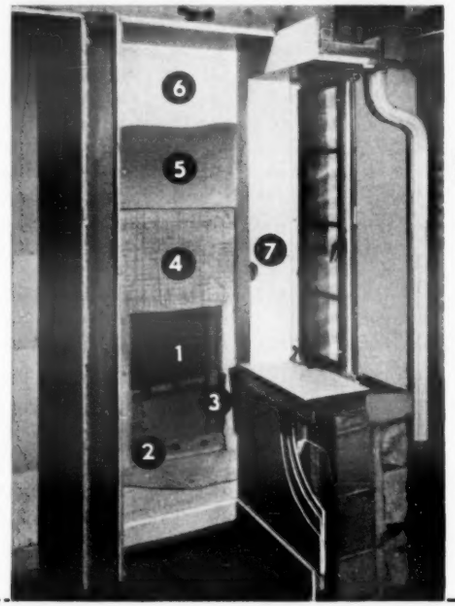


Ceiling construction. Joists (1) bed into masonry (2), rest on plate (3) atop inside walls. Subfloor (4) of rough lumber or plywood, sound-deadening felt (5), and a finish flooring (6) are piled atop each other

Solid masonry wall. Brick or stone walls (1) are backed by lightweight blocks (2) instead of studs. Sills are cut stone (3) or cast concrete. Keystone formation over windows (4) helps lintels carry the weight

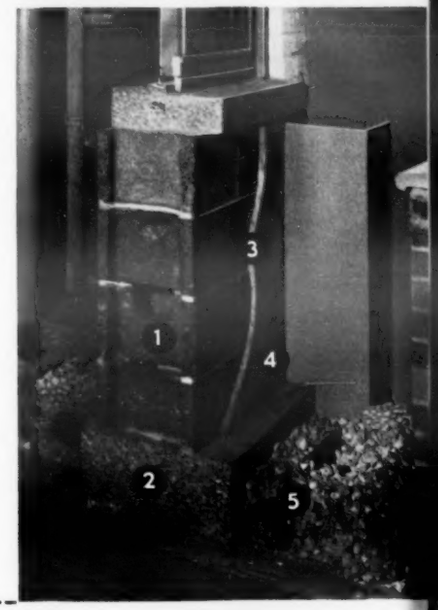


Inside walls. Metal (1) or plaster lath (2) is nailed to studs or furring strips (3) on masonry. Scratch coat of plaster (4) adheres to lath, is followed by brown coat (5) and finish coat (6). Metal beads (7) nailed to studs prevent plaster's chipping at corners



Double brick walls, whether bonded by mortar or with cavity between, are tied together by bonding courses (bricks laid crosswise) (1). Interior bricks may be left exposed, or can be covered with furring strips, insulation barrier, and dry-wall or plaster (2)

Foundation. Wall of stone, tile, or block (1) rests on concrete footing (2). Coats of cement plaster (3) and asphalt parge (4) waterproof walls. Draintile (5) in gravel carries moisture safely away from footings



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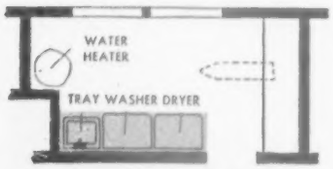
For your laundry area

Begins on page 78



Plan a laundry room in bedroom wing

Shaded area is the laundry part of the room, planned for the Homer Whitings, Warren, Ohio

This laundry serves as a sewing room, too. The wall of cabinets stores linens, blankets, sewing machine, and supplies. Lower compartment at left is a tilt-down clothes hamper. With the laundry close to the bedroom, it's no trouble to press dresses, trousers promptly

Suter, Hedrich-Blessing

Along this wall in the same room, extra-soiled clothes get a soak at laundry tub, then go to washer, then to dryer. The bathroom is at other side of the wall at right; laundry equipment uses the same plumbing. The large water heater, far right, serves the whole house

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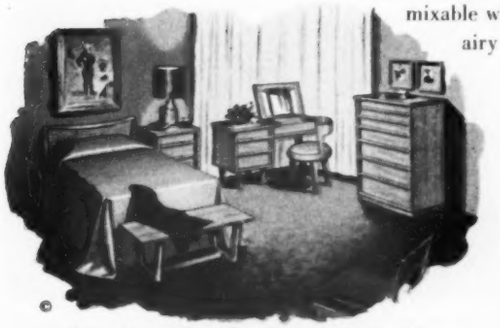

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How to care for your amaryllis

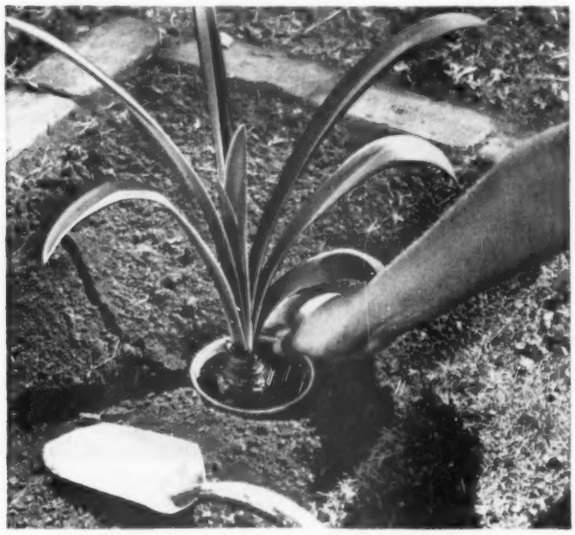
Want a repeat performance of husky flowers next year? Here's a good way to guarantee it

Groom your amaryllis—keep it free of withered blooms. They're unsightly, and they may form seeds. These seeds only serve to rob bulb of strength it needs for top-notch blooms next time. So whenever a flower fades, cut it off with a razor blade or sharp knife. Cut bloom off flush with stalk so no stub remains, for stubs are unsightly, too

Photographs: Stanley

Amaryllis stalk turns yellowish shortly after its last flower fades. Then you can remove stalk without causing plant to bleed. Bleeding drains off nourishment needed by the bulb. Cut stalk off where it emerges from bulb. Do it carefully so you don't injure plant leaves

Bulb has used up reserve food to give large, showy flowers. Now leaves need to make food, store it in bulb. Water in a teaspoonful of a complete plant food—or use in liquid form. Don't let food touch bulb. Give the plant plenty of light and water while the leaves grow

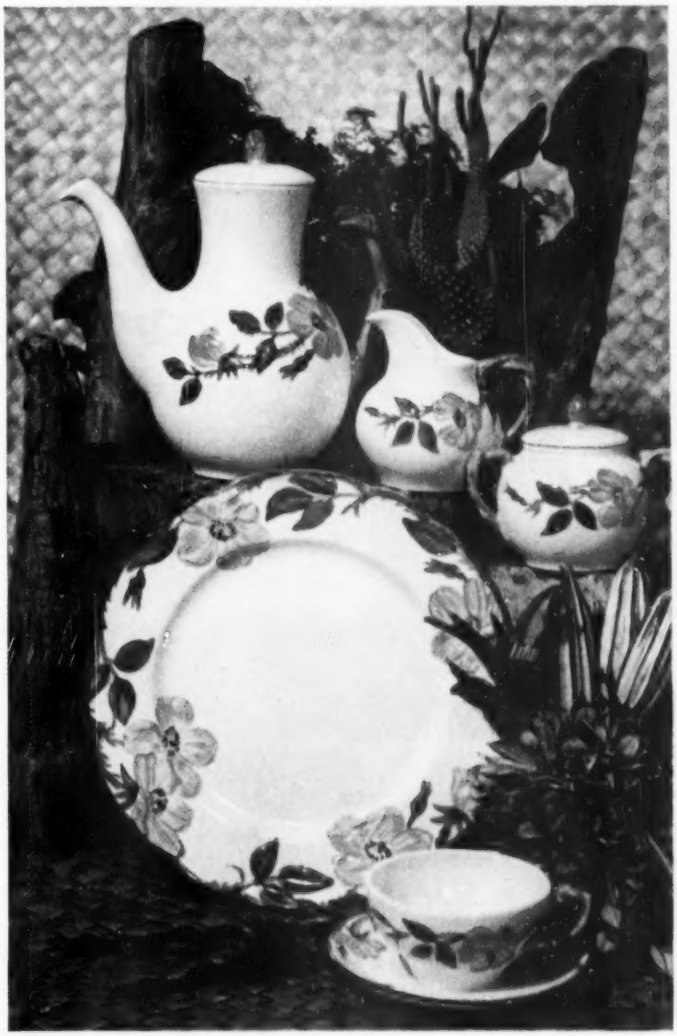


When frost danger passes—probably late in May—put your amaryllis outdoors for the summer. Choose a spot where it will get good light. Plant will be easy to lift safely in the fall if you leave it in pot. Dig hole, and put a little gravel in bottom to keep the roots in pot. Then set in your potted plant so the pot rim is level with surface of soil

Soak with water immediately. Keep soil moist all during season, or amaryllis will suffer setback. Feed once every 3 or 4 weeks. Lift bulb after first light fall frost. Store dry in basement for a rest period of several months, and your plant will be ready to bloom again

FRANCISCAN

Desert Rose



You can have flowers on your table every day when DESERT ROSE blooms on your dinnerware. This hand-painted design is color-locked under a brilliant glaze that keeps it ever bright-as-new. Oven-safe—sturdily resistant to breakage.

Franciscan Ware by Gladding, McBean & Co., Los Angeles, Calif.

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A frisky dog is a healthy dog ...keep your dog frisky with

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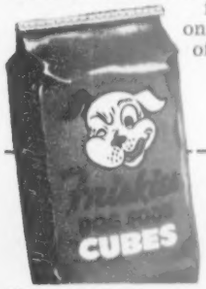

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Your pet and mine

By Russell K. Lowry

Be sure your dog gets nutritious food

First on the list of distemper preventives is to supply your dog with a well-balanced, nutritious diet. A healthy dog has the best chance of fighting off the disease. An ill-fed, anemic dog will contract it easily and have a bad case when it strikes

Vaccination gives high rate of immunity

Vaccination for distemper is not 100 percent prevention, but affords a comparatively high rate of immunity and lessens the degree of the attack if it strikes. Have your dog vaccinated at about 3 months; a veterinarian is the best judge of timing

Distemper kills thousands of dogs every year. Here's how you can help keep your dog from contracting the disease, some tips on how you can help him fight it

Don't try to do the doctoring yourself

If your dog's eyes appear dull and watery, he rejects food, his temperature is over 102 degrees, he appears dejected and prefers sleep to normal activities, better call the veterinarian. Don't take a chance by considering yourself a doctor

Photographs: Harriet Arnold

The main thing is to keep him eating

Although there is no sure cure for distemper, your main job is to feed your dog nourishing food so he can weather the siege. Keep him eating and he'll live. Many dogs too weak to eat out of a dish will accept food from the hand if they are coaxed

More on page 159

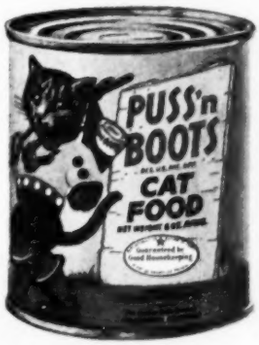
A BEAUTY COURSE FOR KITTY IN EVERY CAN

From head to toe cats grow and grow

...in HEALTH, VIGOR, BEAUTY

On a Puss 'n Boots diet, your cat quickly shows the benefits of good nutrition

WHAT A JOY to see your cat really at its best...full of fun... handsome. That's your reward when you put your pet on a scientifically balanced diet. You see beauty you never dreamed of...a glossier coat, sparkling eyes, a sunny disposition. Puss 'n Boots is a far more perfect diet than any you can improvise...the choice of veterinarians and breeders.



Coast Fisheries, Division of the Quaker Oats Co., Wilmington, California

HERE'S HOW PUSS 'N BOOTS ADDS THE PLUS

It assures your cat of all the proteins, carbohydrates and minerals it needs plus Vitamin D. Puss 'n Boots is made from fresh-caught *whole* fish with selected cereals added...no scraps or by-products or fillers. Choose the convenient 8-ounce can or the economy 15-ounce size.

PUSS 'n BOOTS

AMERICA'S LARGEST SELLING CAT FOOD

.. ADDS THE PLUS IN HEALTH AND BEAUTY

A way to help your dog enjoy a

LONGER PRIME of LIFE!

NEW HOMOGENIZED* GAINES MEAL

Here is a great new development in dog feeding that richly provides the nourishment needed to help prolong your dog's happiest years . . . those precious years when his gay, high spirits and joyful bounce give you such worlds of pleasure!

Just as the proper choice of the foods *you* eat can do so much to give you extra years in the **Prime of Life** . . . this great new food for your *dog* helps to keep alive, throughout the years, that vigor and pep and love of life which you never want him to lose. With the new HOMOGENIZED Gaines you can help prolong those happy years when his eyes are bright, his nose is keen, when he's all alive from head to tail . . . and such a joy to own!

***Uniform nourishment guaranteed in Homogenized Gaines**

In this revolutionary new meal, all the ingredients in just the right balance are combined by a unique Gaines process into *crunchy little nuggets*. Each and every nugget contains all the food essentials known to be needed to help your dog enjoy a longer **Prime of Life.** Uniform nourishment is *guaranteed*. And because the meal is HOMOGENIZED, your dog can *assimilate* more of his food—and *use* it to nourish every inch of his body with red-blooded health.

Good news about the cost!

Even with the extra advantages offered by the new HOMOGENIZED Gaines Meal, there is no other type of dog food that costs less to feed! At last here is the dog food that you always have wished for... economical, easy to feed, appetizing and *above all*— a food to help you keep your dog in the **Prime of Life** years longer!

A Product of General Foods

How about sending a CARE package to hungry people?

Gaines

America's Largest-Selling Dog Food!

Your pet and mine

Begins on page 156

Distemper is a vicious affliction. It kills thousands of dogs each year. Although distemper is similar to influenza, because it unbalances the dog's entire system, its severity is far greater and its aftermaths are often deadly.

Dogs are most susceptible to distemper germs when they are between 4 and 8 months old. Sixty percent of the cases are recorded during this time. After a year a dog is presumed to enjoy a far greater immunity. After 2 years of age, cases of distemper are rare.

A dog that has distemper is far better off at home than being isolated for days in a pet hospital. A dog is slow to fight physical afflictions. Add to this the strange surroundings plus being away from his master, and the dog is likely to succumb to the disease.

Here are other things to watch: Look for regular bowel actions and solid formation of the stools. Sleep your dog in a draft-free location, up off the floor. Drafts circulate at low levels. Omit bathing a puppy until he's 6 months old. Brushing and toweling will do the cleansing job up to that time.

Distemper has to run its natural course. But remember, keep the dog eating. Even if he eats only enough to have a minimum amount of strength, he's going to live. If he stops eating, distemper will be fatal.

My 11-year-old dog suffers from rheumatism, can hardly walk in the morning hours because of pain. Can I do anything for him?—Mr. A. W. F., Virginia.

The affliction is common in oldsters. As is the case with people, little can be done to help. Add four brewers' yeast tablets, mashed up, to the daily food. Don't let the dog sleep in a draft or on the floor. After a bath, dry him off well before he ventures outdoors. Or use a "dry" cleanser solution such as you can find in any pet store.

▶ Have you a problem in pet feeding, care, training, disease prevention? Address your questions to Russell K. Lowry, "Your Pet and Mine" Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

What's wrong with this family?

See problem, page 16

What's right

It's a healthy attitude for parents to be concerned over what happens to their children and also for children, like Sue, to be concerned as to the effect of their actions on their parents. Mrs. Manson's statement that John and Sue can't really afford to buy the house may well be true. Give Mr. Manson credit for supporting the idea that young people have to learn by their own mistakes. John and Sue seem to be mature enough to take responsibility for any mistakes they might make.

What's wrong

In spite of her legitimate concern, Mrs. Manson appears to be exerting too much motherly control over Sue, trying to make decisions for her as she did when Sue was a child. Illness can be a powerful weapon. While Mrs. Manson may not be using it purposely, it would be good for her to look at herself squarely to see if she is trying, through threat of ill health, to keep Sue tied to the parental home.

The trouble isn't all Mrs. Manson. Sue, too, should realize that as a wife she has her own life to live. She should be as concerned over what she is doing to her husband, in letting her mother dominate, as she is over the effect on her mother if Mrs. Manson's opinions are overruled. She is risking a weakened relationship between herself and John if she gives him the feeling that his wishes come second to her mother's.

The simple fact to be faced all around is that parents have to step down from the position of authority when their children grow up. Letting parents know your determination to make your own decisions doesn't need to mean a "break" with them or "letting them down." You can gently, but firmly, show that you care for them, appreciate what they have done, and still respect their experience. If you are the parents, your duty should be done when you have counseled and advised them to the best of your ability. Let them know that after that they are "on their own."

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Everyone asks where we bought our beautiful new living room furniture. Buy it nothing! I *built* it in spare time, with my SKIL Home Shop Saw doing the work. And there's no trick to it if you just follow the simple directions—what to do, and how to do it—in SKIL Chart No. 110.

There's a lot of satisfaction—as well as savings—in building your own furniture. You'd be surprised how much fun it is, how *easy* it is to bevel, miter and rip lumber with a SKIL Home Shop Saw. All adjustments are so simple and quick that even amateurs do professional-looking work!

And there's no end of ways your SKIL Home Shop Saw will pay for itself in building an extra room, a garage, a built-in wardrobe, and doing odd jobs around the house. Why don't *you* begin with this swell modern furniture? Send coupon and 10¢ for plans!

SKIL Deluxe Home Shop 6" Saw—Model 586—Cuts 2" dressed lumber. Quick, easy, indexed adjustments. Retractor handle on telescoping guard. $59.50.

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The **HOME**—*Country Modern*

The beauty of the surrounding country has been brought inside every room in this functionally modern "glass home." Built on a slab, two steps above the ground level, this home separates the living and sleeping quarters on different floors—each having a large expanse of glass.

The **ROOM**—*Sculptured Modern*

The newest trend in modern furniture is the introduction of the sculptured look—and the elimination of sharp angles and corners. This room, decorated by Marion Quinlan, features the newest in modern furniture.

The **FLOOR**—*High Style Oak*

To complement the style found in both this fine home and gracious room, Oak Flooring is used. Oak's life-long beauty as well as its durability and adaptability to all styles are but a few of the reasons that give oak its big exclusive—the 4th Dimension.

Oak Flooring's 4th Dimension is the overwhelming preference it enjoys. For instance, 80% of all architects, 96% of all real estate agents, 86% of all contractors and 83% of all prospective homeowners prefer oak.

Marion Quinlan, *famous decorator*, says,
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This new, full-color booklet shows the key to choosing and identifying the different styles of furniture.
Now you can correctly choose the different styles that go with Modern—and five of the most popular furniture styles.

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for your copy of "Planning and Decorating with Furniture." Address Miss Mary Clarke, Home Service Bureau, National Oak Flooring Manufacturers' Association, Dept. A2, Sterick Bldg., Memphis 3, Tenn., for your copy.

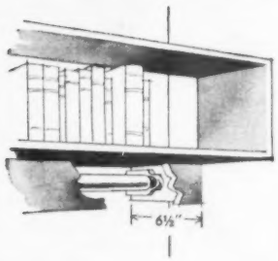
How to plan a

A large area of stone or brick, as is used here on the raised fireplace wall, can look "cold." To help take away this feeling, try using plants to soften the masonry. Here, a metal liner with clay pots inside is set into the wicker hamper. Below, is another effective use of plants in the decorative scheme of this Contemporary home

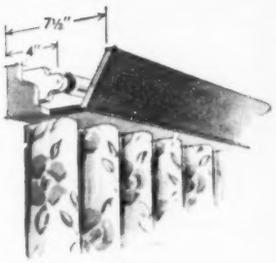
The piano is located just off the dining area, near the front entranceway. Its back is hidden by a ceiling-high shutter screen which repeats the design of the cabinet doors in room

successful room

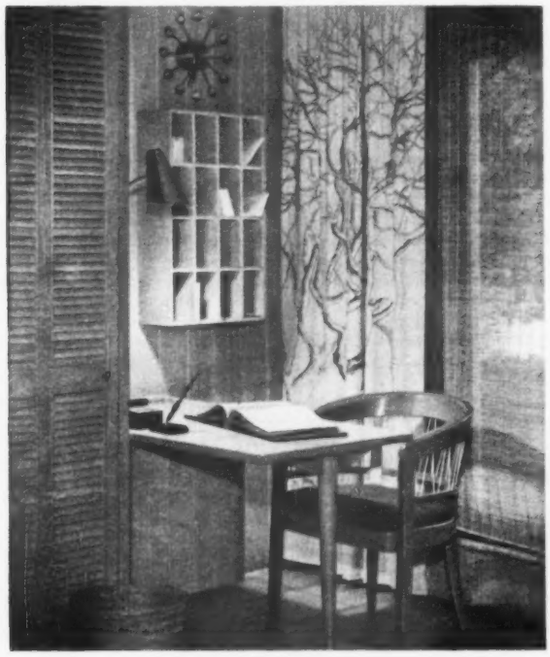
Begins on page 58



Sofa light. Hanging bookshelf has light "built-in" below. A table lamp would not be sufficient to light the long sofa. For reflection, inside of shield is painted white



Drapery light. The troughs hide almost 60 running feet of fluorescent tubing, directed to ceiling for soft glow. Traverse track is attached to bottom of light trough



Desk fits into a small recessed area adjacent to closet in the study. Desk top is cleared for action, with light and hanging shelf for correspondence attached to wall to make the most of limited space

● **No more problems** with pie shells that puff up in the middle or shrink away from the sides of your pie dish in baking. Here's a Cut-Rite idea that lets you bake a *perfect* shell.

DIONE LUCAS TELLS YOU

How to bake a "Perfect" Pie Shell

...famous cooking authority

● **Use your favorite mix** or pastry recipe. To save yourself the bother of using flour on board or rolling pin, roll out dough between two pieces of extra-heavy, waxed-through Cut-Rite. Saves washing up afterwards, too.

● **Fit pastry into dish,** cover it with 2 thicknesses of Cut-Rite and weight down paper with dry rice. This prevents shrinking or puffing. Bake in glass pie dish at 450° for 15 minutes. Remove from oven; store rice to use again.

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● **Cut-Rite** doesn't break when twisted. Famous cutting edge tears evenly, easily, always.

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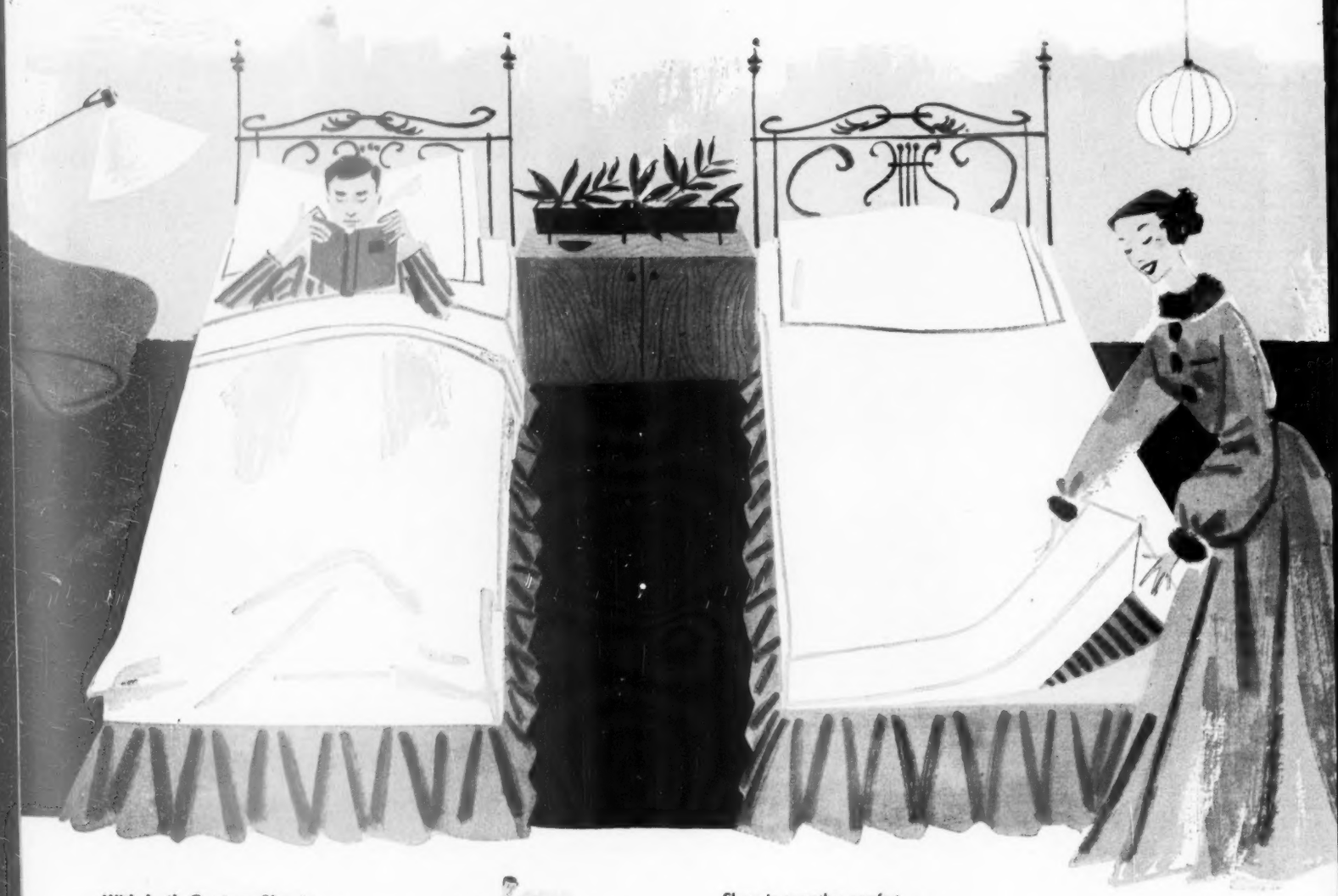

With both Contour Sheets . . .
you make your bed in one-third the time!

You'll wake up with both sheets *still* so neatly tucked, your bed almost makes itself. Pacific's famous Contour bottom sheet, with four boxed corners, stays neat and taut—needs no smoothing. Pacific's new Contour top sheet has open sides—anchors snugly at the foot with two boxed corners. Never needs retucking. Just a quick tug at the top hem—and the bed looks beautiful!

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You get the most glorious sleep of your life with Contour—Pacific's fitted sheet. For the Contour bottom sheet stays smooth and wrinkle-free under you all night. The Contour top sheet can't pull out no matter how you toss and turn. Pacific's unique Expansion Fold accordions out for six full inches of extra foot room—extra comfort. Automatically drops flat and smooth as bed is made.

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Arrow shows point of greatest strain on corner. Tape on Pacific Contour sheet prevents rips and tears. Pacific makes the strongest and longest-wearing type of corner in fitted sheets!

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How to keep a family together

Begins on page 68

The boys combine a bit of play with work. Harmless horseplay is routine, but meanness is virtually unknown to the Petersens. George believes in keeping them busy so they'll have no time for devilment

sacrifice any basic refinements. But provide physical outlets for them—especially for boys—and the opportunity for the whole family to do things *together*."

Because several lakes were near their home and because water skiing is among the most exhilarating of sports, they went in for it. Simple skiing is far easier than it looks. But the stunting is far harder than it looks! The three boys not only learned how to ski when they were little fellows, they quickly became recognized experts.

Such competition in play is doubly valuable, the parents learned. It develops courage, helps anybody rise above mediocrity. "Efficiency is as much a habit as laziness is," says George. "Kids should be taught to achieve skill in play, not for 'glory' but as a way of life. They will apply it in work when the time comes."

I tried to suggest that maybe some of us Pops and Moms wanted our children to be "brains"; to develop creative instincts rather than perfect mere physical skills. This caused George, a former student of Chico State College, to lecture me on a significant but often overlooked fact: That the *habit* of developing skill, excellence, superiority, leadership, no matter what the field of thinking, can best be instilled in children through active lives. Know-how in the mental field then develops naturally. It remains, George Petersen added, only for the parents to provide the spiritual balance.

"And how do you do that?" I demanded. "It seems to me that a great many parents let their kids slip into all sorts of immorality and crime."

"We don't let them, we *lead* them!" George shot back. "If a boy acts like a hellion, check on the parents before you condemn him."

The Petersen parents for years took their children to Sunday school and church. They have not been insistent upon a specific church since the sons approached maturity, but all lend loyal church support. George is an active Rotarian and, again by precedent, has instilled in the sons a feeling that community service work is imperative to good citizenship. "Share what you have," is a basic policy with them. It is expressed, typically, when they go up into the mountains for recreation—their car is likely to be loaded with camellias and other valley flowers for the mountain homes, where such treasures are rare.

Their pattern of living, then, emphasizes the spiritual as well as the physical. The combination has made extroverts of this family—and a great many families could do with some extroverting! We tend to become clannish, self-centered, or family-centered. The Petes seem to turn up wherever anything of importance is going on around Chico. If it's a sick neighbor, June is likely to be found humming in the neighbor's kitchen, doing her housework. If it's a fellow farmer who is sick, any or all the four male Petersens may be there doing his chores. Then when it's time for a hunting party to go after deer, elk, or pheasants, all of the Petes are likely to be along, with June, the mother, offering the strongest competition.

Since February, 1952, June has had female companionship in her brood. Bob, the big son, happened home from college one day and suddenly rediscovered a girl with whom he had grown up, lovely Diane Moore. She had worshiped

[*Turn to next page*

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Model 270-S-2, shown in duPont Fabrilite. Also available in leather or fabrics.

Now over 100,000 American families are helping themselves to longer, happier lives. They've learned the secret of true relaxation in the one and only BarcaLounger, the reclining chair with the patented "Floating Comfort."

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There's nothing cheap about the BarcaLounger! It's a fine piece of furniture, painstakingly made by skilled craftsmen with custom-built features not found in ordinary furniture today.

The latest, most advanced "Floating Comfort" mechanism, good for a lifetime, gives your body balanced posture support in any position from sitting to full reclining.

Handsome new styles! The BarcaLounger is not a "gadget." It *looks* like a chair . . . the kind of chair you'll be proud to have in your living room, library or bedroom.

Real comfort! Just sit down, lean back, and relax! Instantly, the BarcaLounger eases the strain on the heart . . . calms taut nerves . . . soothes tired muscles. Fifteen minutes in a BarcaLounger, before or after meals, is more refreshing than a nap in bed!

An Exclusive Invention

Now Professor Anton Lorenz, who first developed "Floating Comfort" 25 years ago, has made drastically new improvements in this basic idea. These new, advanced features, *exclusively* in the new BarcaLoungers, give you *fully balanced* posture control. The back-rest, seat, and leg-rest move *independently* to cradle your whole body in any position from sitting to full reclining.

You'll never be satisfied with a "would-be" copy. So be sure you get a genuine BarcaLounger . . . even if you have to wait. Insist on seeing the bronze BarcaLounger name plate under the leg-rest. At fine furniture and department stores everywhere.

Model 505 Decorator Series. Modern, graceful styling. Your choice of smart, new decorator fabrics.

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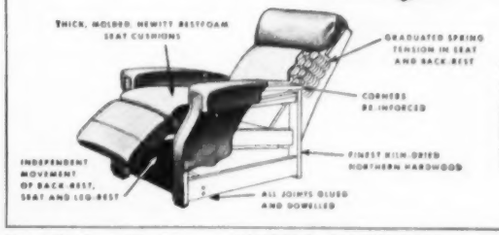

Write for free illustrated booklets and the name of your nearest BarcaLounger dealer. Barcalo Manufacturing Company, Dept. B2, Buffalo 4, New York

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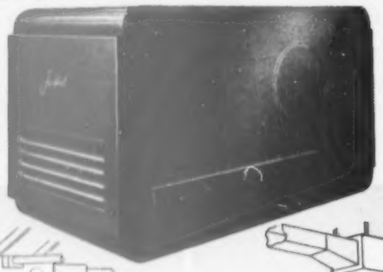

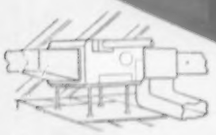

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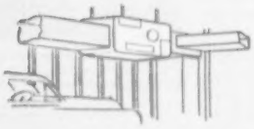
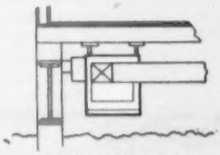


GARAGE . . ISOLATED FROM HOUSEHOLD



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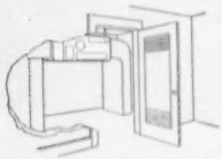
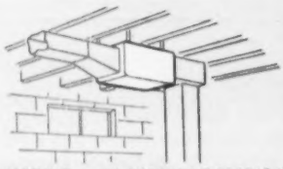


CLOSET . . . 9½ FT. LEFT FOR STORAGE



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Important comfort and economy features include:
Constant Air Circulation (CAC) for warm floors and even floor-to-ceiling temperature; high efficiency for use with the new Janitrol Save-Way System that *combines* the advantages of perimeter heating using *small size* ducts to outside walls.

By using the Janitrol FHS, your architect or builder can provide more useful floor space . . . your Janitrol dealer can assure you complete heating satisfaction with real economy.

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Fuel used B2

How to keep a family together

Continued from preceding page

him all these years, she confesses, and at the age of 18 became a Petersen herself.

"I hope for nothing better," said she, starry-eyed, "than to bring up a family exactly the way George and June have brought up theirs. My own parents are much like them. The four have always been friends. I guess I'm the happiest bride alive, and the luckiest." She may well be, at that.

I spent a day with this young couple, just the three of us, climbing a mountain and boating on a high-country lake. They talked with the wisdom of patriarchs. Youth today *is* wise; far ahead of my generation at comparable age. Magazines, books, radio, travel, television, the avenues of broad learning are here. Bob and Diane are determined that their family in turn shall be good humored and given to play. "I'm going to hold the confidence of my children," said Bob, earnestly, "just the way Dad held mine and Fred's and Jim's. He has always treated us like people, not like 'children.' No high-and-mighty parent stuff.

"Mother and Dad both demand prompt obedience—I've been spanked! But they're consistent. Many parents are Jekyll and Hyde toward their kids—sweet today and mean tomorrow. Just two or three such incidents can spoil parent-child happiness. I don't think any family in America has more companionship than ours."

You must have, say these Petersen folk, an enthusiasm for all phases of living, you must cultivate a curiosity concerning anything about which you are uninformed. A mother with four uninhibited

The Petersens have a good supply of water skis of varying lengths and for varied purposes. George gets them ready for the water as he changes or tightens fastenings

June built the fireplace in the lake cabin by herself, then collected five dollars from each male member of the Petersen family who had bet June that it wouldn't draw

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males to love and do for—and no servants—should, it would seem, have scant time for hobbies. But June Petersen got interested in a son's camera, began to "fool around" with it, and became such an expert amateur photographer that she was high point winner in her camera club's contest last year. She does her own developing and enlarging.

At Lake Philbrook, 50 miles away in the mountains, the Petersens have a large cabin. Together they hauled the rocks, mixed the mortar, erected the walls, put on the roof. Old red-plush seats from a passenger train were converted into sectional furniture with a unique charm. Tables are rustic, homemade from aspen logs. There are no clocks. "We don't care what time it is," explained George, grinning, "when we come up here. And it's hard to worry about troubles in Washington and Moscow."

A bear came onto the family's sleeping porch one night. June yelled "Shoo!" so loudly the poor critter tore down a post and 40 feet of barbed wire. She has to keep a cowbell tied to her outdoor refrigerator to frighten bears away when they come raiding at night. Wild deer eat vegetable peelings put out for them on a rock 20 yards downhill. A six-foot waterfall roars at the kitchen door, and ice cream is frozen from leftover snow.

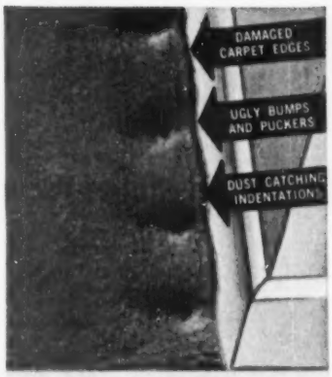
Your family acquires a basic humility when you work and play so close to nature, George Petersen declares from experience. Intimacy with the wild hills, with beasts and birds, rain and cold, tree and shrub and flower, is mental therapy you can't buy.

The family genius for doing things together began even before the parents were married. June was a very young teacher in Chico High; George was a senior

[*Turn to next page*

With one end of string tied to the shutter release, the use of pulleys and some bait, June tries trick photography . . .

. . . and has success. She doesn't have to wait long before she gets her victim. Photograph credit on picture: Mr. Bear



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How to keep a family together

Continued from preceding page

two years younger. They built their first home while engaged, designing it and doing much of the work themselves while George attended Chico State College nearby. He inherited a small nursery from his father and, starting with a few camellias, built them into 560 varieties—one of the greatest collections in America. As little fellows, Bob and the twins worked in the nursery for pay.

"Dad personally taught us how to do almost everything," Bob recalls. "Once he spent half a day showing us how to use a shovel to best advantage. He'd invite us to work with him, teach us how to have pride in accomplishing things. If there was an especially hard job, we'd draw lots. We still do that. We had plenty of fun and earned spending money, too."

One day Dad left the nursery early, leaving only Fred, aged 8, in charge. Bob, at home, slipped to the telephone and called his little brother.

"This is General Eisenhower," said Bob, deep-voiced. "I need a shipload of camellias at once, to be used as camouflage."

Fred dropped the receiver, leaped to his bike, and raced homeward to get Father. Meanwhile remorse struck Bob, so he bicycled toward the nursery. In traffic, they passed without seeing each other, then passed again coming back! When they finally connected, indignant Fred made war indeed. The parents did not interfere.

Such harmless horseplay is routine, but meanness is virtually unknown. Even when the three were little, George said to June, "We will keep them busy and they will have no time for devilment." Fifteen years later he still holds that to be a good plan. The activity need not be all sports or "fun"; it is largely wholesome work, anything constructive. But this should bring a fair reward. In the past two years as high-school lads, the twins have worked on Saturdays and after school to buy themselves a used car and have a few hundred dollars put away for college. They want to specialize in agriculture. Recently George leased his nursery in order to specialize in raising almonds. This also gave the sons a new experience, a broader look at the magic to be wrought with the soil.

"I always gave the boys jobs just a little too big for them," George adds. "I remember the poet who said 'America is not a land of ease.' I agree with him. I don't think anybody can have healthy, well-adjusted young people by babying them. Don't overburden them, but do demand good output. They'll respect you for this."

Discipline hasn't been much of a problem in this family, due to their endless activities, George feels. Mostly the boys have disciplined themselves. "Do you think Junie'll let you get by with *that?*" one brother would demand of another who was out of line. It usually straightened him.

"You'll have no boy-girl problems," say the Petersen parents, "if you keep youngsters active, keep them doing things as a group."

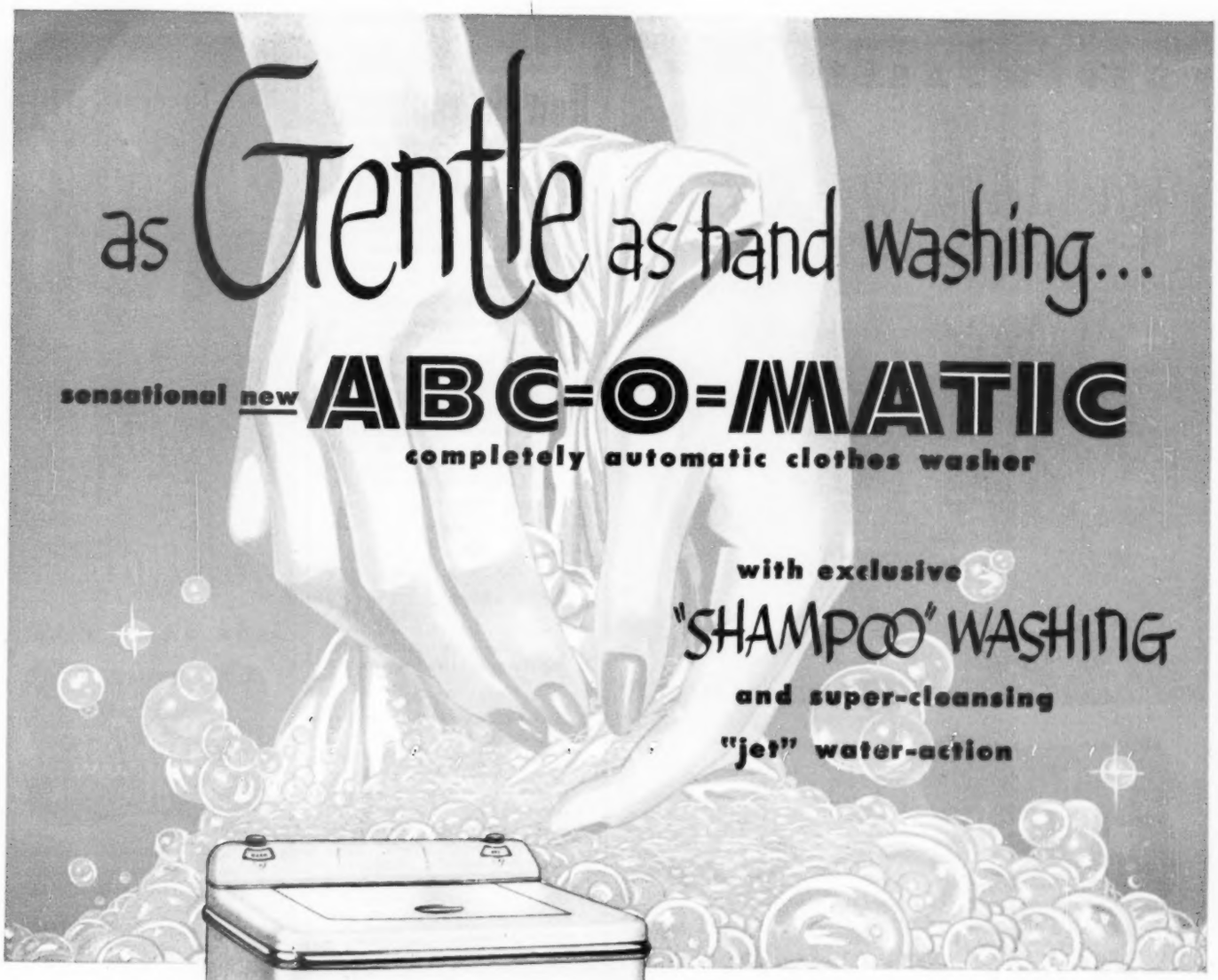
When her sons got curious about sex, Junie quietly sat down and answered their questions. "I had been a schoolteacher long enough to know how to teach them," she says. "But any intelligent parent can do it. There's much discussion nowadays about teaching sex knowledge in schools. Many parents oppose it. I feel that *both* home and school should teach it. Schools are likely to have much better facilities—such as motion pictures, charts, books, trained men and women—than the home offers. It is never a problem if parents and children have a "together" comradeship, a mutual respect."

June has always encouraged her handsome sons to bring their girl friends home with them, thus tactfully chaperoning, knowing where they are. You can do this easily by mentioning on each date night that the refrigerator is loaded with goodies and that there's a new record on the player. They take their girls on family fun as a matter of course.

"At middle age, June and I no longer try to keep up with the fast pace of the youngsters," says George. "We do go, and stay on call. The comradeship is there, though the kids are weaned. It is only right. It is the way life must be. But remember that my wife learned to water ski at 40. She has gray hair, yet I don't think she'll ever be 'old' to the children. You don't grow old by *associating* with young people; you grow old by trying to keep up with them or by ignoring them. We haven't chosen to do either one!"

BETTER HOMES & GARDENS

"Well, which of these 1,572 comic books do you intend to keep and enjoy in your declining years?"



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How do you rate as a traveler?

By Frederick James

On a map you probably can point out many famous cities and places that you have visited. How many of the following famous tourist attractions that you have visited or plan to visit, can you locate, without a map and with only the following clues? Give yourself 5 points for each correct answer. A score of 80 or higher labels you travelwise; 60 will get you by. For the correct answers, turn to page 223.

1 To what city do travelers go to visit the oldest house in the United States?

2 To which one of the 48 states would you go to travel over the highest suspension bridge in the world?

3 To which state would you go to explore Mammoth Cave, with its passages that twist for miles under the earth?

4 Where would you be if you were staying at the highest point in the *jurisdiction of the* United States?

5 In which state do tourists find the homes of Mark Twain and Jesse James?

6 To which state would you go to view the tallest tree in the world?

7 To the campus of what university would you go to visit football's Hall of Fame, commemorating the first football game?

8 In which state would you expect to find New England's only national park?

9 In what state is there a town named after "Buffalo Bill"?

10 Every year tourists go to what state to visit the home of James Whitcomb Riley, preserved as it was when the famous poet lived in it?

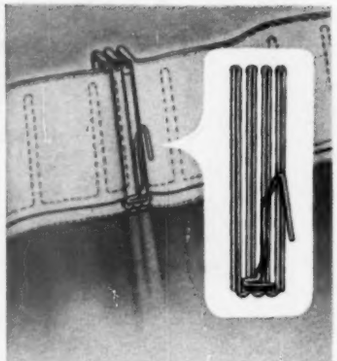
11 Where would you go to visit the only health spa in the United States that is owned by the government?

12 Although it is on an island 125 miles out at sea, what American city is a popular winter attraction for automobile tourists?

13 In which state would you find the newest capitol building?

14 Where would you go to visit the only active volcano in the United States?

[*Continued on opposite page*



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15 In which state would you find Stephen Foster's birthplace?

16 To what national park do travelers go to view the finest prehistoric cliff-dwelling ruins in the United States?

17 Where would you be if you were in the largest library in the United States?

18 Although no one lives in it, what village contains more replicas of famous buildings than any other village in the United States?

19 In what state would you drive on the Calvin Coolidge Memorial Highway?

20 When you are at the Grand Canyon National Park, you are in which state?

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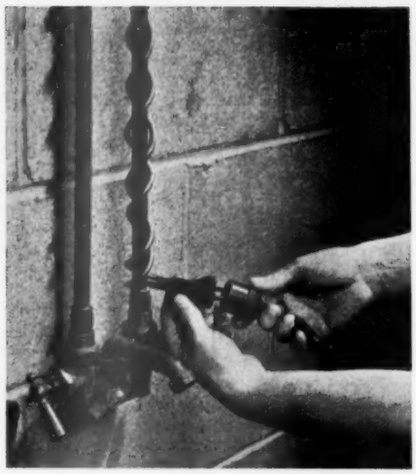
Electric iron. Of all your household appliances, an iron will give you the greatest concentrated heat. Lash it to the pipe at the faucet end of the frozen section, moving it away from the faucet as thawing progresses.

With copper or brass pipe, the heat will be effective about 10 feet from the point of application. Be patient, and don't let the iron touch wood or other inflammable material.



Heating cable. For a scientific job of pipe-thawing, buy an inexpensive heating cable, wrap it around the frozen pipe, and plug it in. It can also be used in roof gutters to keep them from being clogged with ice.

Professionals often run electric current through the pipe itself, with wires clamped to each side of the frozen area, but this is possible only if you have a step-down transformer.

Safe ways to thaw that frozen pipe

By Raymond Yates

Many a home fire has been started by a handyman who tried to thaw a frozen water pipe with a blowtorch. Such drastic action is dangerous and unnecessary. There are several ways to do the job cleanly and safely.

Water expands as it freezes, so you may have a split pipe to contend with. If you don't, you're lucky; thaw ice immediately and return plumbing system to use. But even if a pipe is damaged, you can save money by thawing ice, then turning off the water supply at the main valve before the plumber arrives.

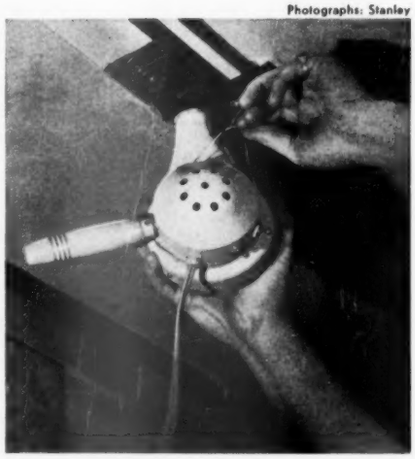
First locate the frozen pipe. You can suspect outside wall pipes on the windward side of the house. Turning on faucets will locate frozen area unless main supply line is frozen.

To remove the ice, apply one of the remedies pictured. Leave the main supply valve open; incoming water will help remove ice once you have loosened it. Leave the faucet open, too; it will supply the running-water signal that the line has been opened.

With supply pipes, always start thawing at an open faucet and work toward water source. Never start by applying heat to the middle of a frozen pipe. Be patient.

Frozen drainpipes and traps are less common. Usually you can generate enough heat to open them by pouring in lye or caustic soda.

Photographs: Stanley



Hair-dryer. A warm-air hair-dryer will do thawing job slowly but safely. Remember it when you must thaw a pipe concealed in an outside wall; if there are no firestops, you can direct warm air upward between wall studs from basement.

Direct air blast parallel to the suspected point of freezing; effective heat will travel up the pipe for a distance of five or six feet.

More on page 172

How to buy furniture like an expert:

Follow these "beauty tips" on finishes

Take the time to ask the salesman about the finish on the piece of your choice. For no matter how lovely furniture looks in the showroom, you want to be sure that it will *stay* looking lovely in your home . . . resisting marring, scratching, discoloration and printing for years. You *can* be sure—when it's DUCO lacquer or DULUX furniture finish!

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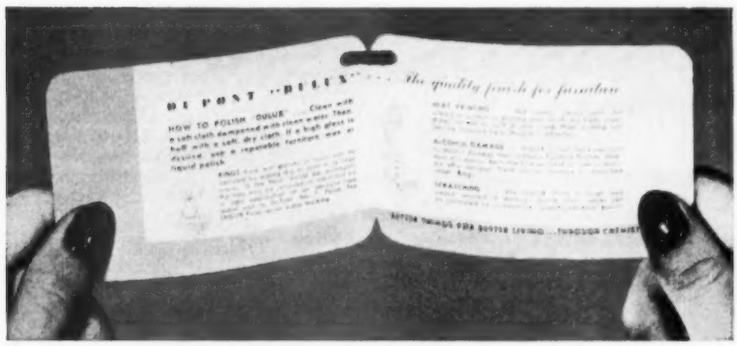

Take note of the helpful information the tag contains on the easy care of a DUCO or DULUX finish when you get your purchase home. Remember: "The Better the Finish, the Better the Buy." Make the Du Pont tag your guide!

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(A true story based on Company File #205417)

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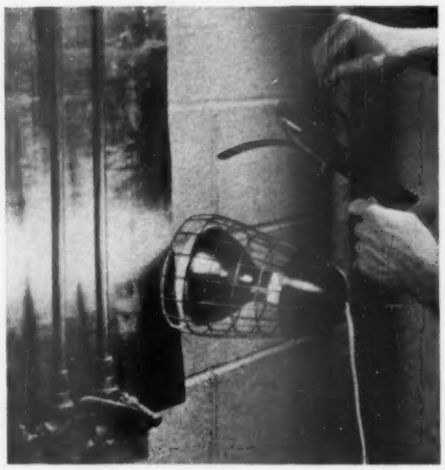
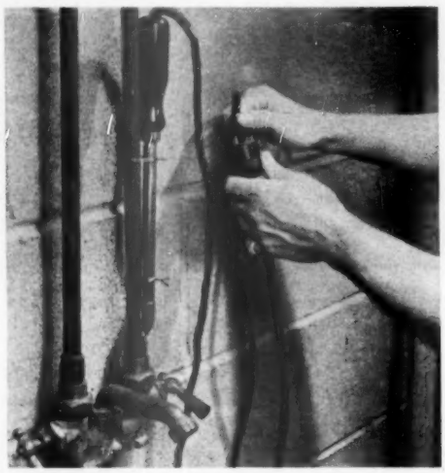
Safe ways to thaw that frozen pipe

Begins on page 170



Heat lamp. Infrared heat lamp is an effective thawing device. For added efficiency, place a sheet of tin behind pipe to reflect heat. In close quarters, use pieces of asbestos to protect inflammable surfaces



Soldering iron. A soldering iron is less effective than a flatiron for pipe thawing, but often you can use tool in tight areas where flatiron won't fit. Lash it tightly, not touching any wood, and give it time

Boiling water. If you must thaw a pipe without the aid of electricity, wrap pipe with rags and pour on boiling water. This is last resort; method is slow and sloppy. Usually many gallons of water must be used

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BHG-23

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first automatic clothes dryer!

Hamilton originated automatic clothes drying—this wonderful new way to dry your clothes indoors, in minutes. It's so easy! Whisk clothes out of the washer into your Hamilton... set two simple dials...and wash day's over. That's the Hamilton way!

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Hamilton drying is fast, safe and gentle. The feather-soft Hamilton Carrier-Current cradles your clothes in warm, dry air. Amazing new Fabri-Dial lets you select perfect drying temperatures for *all* your clothes—even precious new synthetics.

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THE ORIGINAL AUTOMATIC

CLOTHES DRYER

GAS AND ELECTRIC MODELS

You'll enjoy Hamilton's helpful new book on automatic clothes drying. For your free copy write today to Home Service Department, Hamilton Manufacturing Company, Two Rivers 10, Wisconsin.

They heat their house

This house is truly a child of the sun. Front expanse of glass (it's that way in back, too) brings in light and sweeping views. Behind the windows is solar wall that soaks up sunshine and puts it to fuel-conserving use—a generous wintertime allowance from Father Sol

Many of us don't happen to live where sunshine is a dependable daily commodity. But, for those who are so favored year round, the home pictured here puts this cheerful warmth to moneysaving use. It's a home designed so the sun will foot much of the wintertime fuel bill.

And for the rest of us? We whose place in the sun is changeable, at best, may discover structural ideas to help us make more pleasant use of the sun we have, even though solar heat doesn't amount to much more than a dripping icicle during our winters.

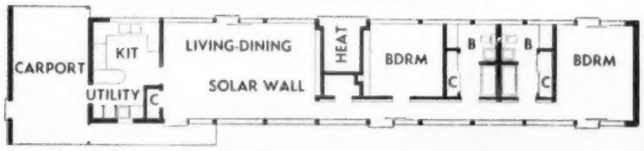
You certainly wouldn't have to live in Tuscon, as this family does, to appreciate the [*Turn to page 199*

Photographs: de Gennaro

Warm rays stream through glass and are absorbed by inner wall. This photograph was taken just after sunrise on December morning, yet full wall basks in fuelsaving warmth

By noon of same day, less wall is exposed, but sloped base, concrete floor soak up warmth. Orientation brings house most sunlight during colder months, least during summer

with sunshine



Floor plan. Area between glass front and solar wall forms hallway to bedrooms and bath. Architect: Arthur Brown, Tucson, Arizona

Sunlight pours into large living-dining room when it's wanted, as on this December day, but full-length curtains are there to shut off heat and brilliance of desert summers. Concrete floors play an important part in solar heating scheme. Casual outdoor pieces from terrace are merely stopgaps until other furniture is in the budget

where else?

...BUT IN A St. Charles kitchen

CUSTOM-BUILT OF STEEL

Where else can you have your choice of 12 decorator colors, in enamel that is baked on steel at the factory? Where else could a preference for a decorative treatment in natural wood be satisfied, *without* sacrificing the long life, easy upkeep and maximum storage space of steel construction? Where else could you meet your *individual* needs—not the "average" needs—with a choice from over 80 special-purpose units and convenience accessories—with so varied a selection of colors and materials for counter tops—with a kitchen planned to fit *your* room?

There is, of course, only one answer. *Nowhere else* can you get *all* the custom-building, color-styling and varied convenience advantages that are yours in a kitchen planned by St. Charles.

Before you remodel or build, talk to your St. Charles dealer about your kitchen. You'll find him listed in the Yellow Pages of your Telephone Directory.

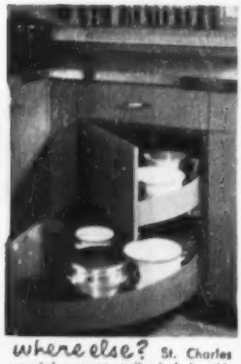
where else? An ingenious arrangement of a tall unit combining shelves for dishes, sliding shelf compartmented for beverage storage, and convenient tray storage in one multi-purpose unit.

St. Charles Kitchen in home in Crystal Lake, Illinois, built by J. J. Wallace

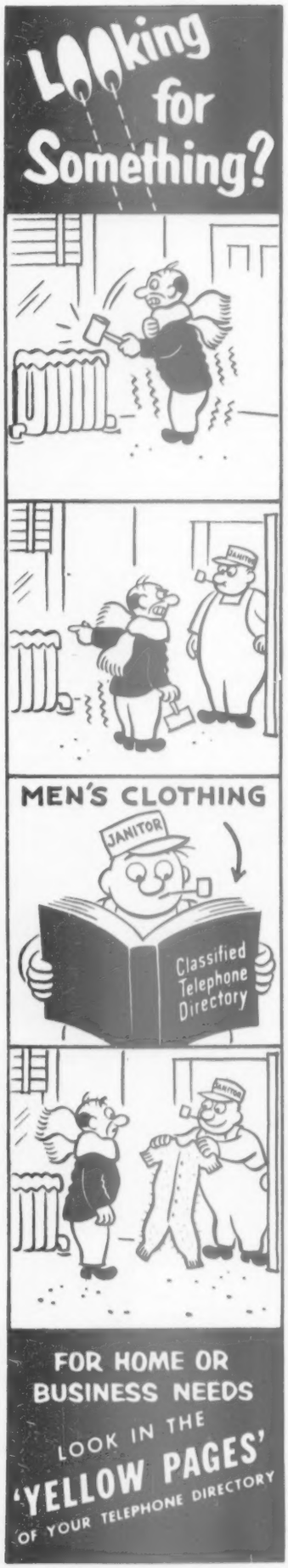
StC

"Kitchens for Living"

"Kitchens for Living"—Send for this colorful picture booklet of St. Charles Kitchens, convenience units and accessories. You'll find many valuable ideas—things to remember when planning your new kitchen. When requesting, please enclose 10 cents to cover handling and mailing charges. Address: St. Charles Manufacturing Co., 39 Tyler Road, St. Charles, Illinois.



where else? St. Charles special-purpose units include this practical, easily-managed swing shelf . . . giving you the most storage from your corner space.



Get more out of your radiator

The best location for a radiator is at the point of greatest cold—under a window. But in a kitchen, that spot is also often best for a work center.

We built a cabinet that gives us both heat and work space under our windows. The pictures show how it works.

Insulate the wall behind the radiator to get still more heat and save fuel by cutting heat loss. For a dime, you can do an effective job by pasting aluminum foil to the wall like wallpaper. Use wallpaper paste. Emboss the foil by holding it on a pebble-surfaced book cover and rubbing until the pattern shows through, as children do to "make pennies." The rough texture lets the foil expand and contract with temperature changes without splitting.

Before: Our kitchen radiator stood in the way under the windows, taking up floor and wall space we needed badly

Photographs: Paul Davis

After: That radiator is still there, but now it gives us more heat than ever. We've also gained seven square feet of counter space, and enough storage space to hold a barrelful of china and glassware

Here's how it's done: Cut down depth of shelves, and recess back of cabinet to fit radiator. Remove toeboard at front to let cool air flow in under the cabinet.

Provide grill under counter to let heated air into room. "Chimney" effect increases effectiveness of the radiator.

See Circa '60 by Heritage-Henredon at dealers' listed below:

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A new and complete collection of modern furniture—with warmth, with grace, with heart.

Inspired by remembrances of things past. Designed to meet today's living needs—and tomorrow's (whether your home be traditional or modern). Crafted of the finest woods. And priced to make your dream of home a here-and-now reality!

This is Circa '60—worthy of the proud Heritage-Henredon hallmark!

Shown are only a few pieces—for living room, dining room, bedroom, study, *every* room!

Wonderful Brochure! Pictures ...sketches—of beautiful Circa '60 pieces in dramatic room settings! Send 10¢ to Heritage-Henredon, Dept. BH2, Morganton, N. C.

CUSTOM QUALITY at PRACTICAL PRICES

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Be sure you wrap them right!

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For luscious frozen meats (1) buy *good* meat (2) wrap it right—even for short storage. That takes special freezer paper—*originated* by KVP—and kept the leader in low-cost protection. KVP Freezer Paper fits meat like a glove . . . eliminates damaging moisture loss and freezerburn. *Wrapping instructions in each box.* Sold by locker plants, retail stores, and markets.

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THOMASTON Fabrics

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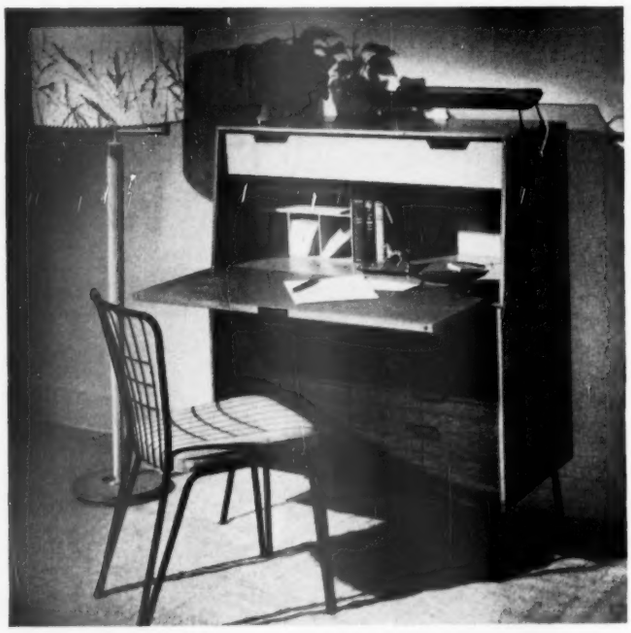
Ask for Thomaston Sheets at your favorite store — PAGE, TYPE 140 FIRESIDE, TYPE 128 • TAVERN, TYPE 140 • PILGRIM, TYPE 128 —*a quality for every purse and purpose.*

Metal furniture—

how to choose it

how to care for it

Indoors or outdoors, metal furniture is high style. But, both in its properties and in its care, this new furniture differs from furniture you're more familiar with. It should be cleaned with a soft, dry cloth. If you must use water to get off spots, wipe dry immediately. Do not use oil or abrasive cleansers; they will harm the protective finish. If you'll decide first where you'll use metal furniture, certain questions become important. With *use* in mind, then, we've outlined below points on which to quiz your salesman.



Some metal furniture you'll touch—like this chair of tubular steel, enameled black, or the wrought-iron drawer pulls on this chest-desk. Ask the salesman if perspiration or oils from your hands will tarnish the metal. You'll find metals—wrought iron, tubular steel, aluminum, chrome, and brass—used with wood, glass, canvas, even string

Find out if metal finish is resistant to chipping; legs are apt to be kicked, or bumped by vacuum cleaner.

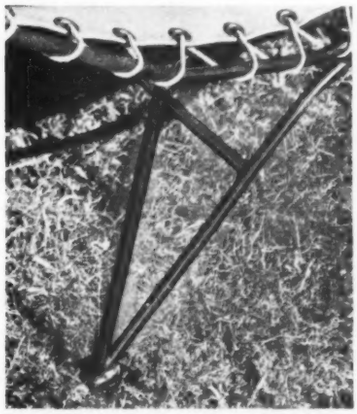
Make sure, too, that feet of furniture are finished so they won't scratch floors or gouge carpet. Feet of this chest are flat and smooth.

If you own metal furniture that has become chipped, you can buy a new black enamel with a dull finish for necessary repainting or touching up.

Chrome finish on dinette set will remain shiny if polished only with a dry cloth. Even brass is often lacquered against tarnishing, so ask before you go to work with metal polish—you may simply remove that finish. Little rubber caps on feet of set protect floor covering

Photographs: Hedrich-Blessing, Hopkins

If you plan to use metal furniture outdoors, ask the salesman, will it rust in rain or damp weather, and will it fade in strong sunlight? Extra-heavy canvas on this chaise longue is pre-shrunk, resists fading and mildew. Wood table top is sealed against moisture, then heavily varnished, to withstand both rain and sweaty or spilled glasses



A truly rustproof finish for metal furniture which is to be placed outdoors will "meet Army-Navy specifications."

This means that it can be shipped over salt water without rust damage.

Processes used to make the metal furniture rust-resistant include zinc-plating, pore-sealing with antirust chemicals, and baked enamel finishes. Many of these finishes can be repainted if necessary.

A roof of these colorful Johns-Manville asbestos shingles adds beauty and character to your home

You'll be surprised how inexpensively you can have a Johns-Manville American Colonial Asbestos Roof which is permanent as stone.

American Colonials give almost every homeowner the opportunity to enjoy the beauty, safety, and lasting economy of a roof of rigid *asbestos* shingles. They have the charm of weathered wood. They're fireproof and rotproof. See the wide range of colors at your Johns-Manville Dealer.

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Send for free booklet giving full information about American Colonial Asbestos Shingles. Mail this coupon to Johns-Manville, Dept. BH-2, Box 60, New York 16, N. Y.

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Do you know her well enough *to ask?*

How does she do it—day in, day out, *the whole month round?* Theaters, dances, club meetings . . . . always fresh, poised and at ease . . . . never excuses herself at the "monthly time," as so many women do. What is her secret? Do you know her well enough to ask?

NO BELTS
NO PINS
NO PADS
NO ODOR

On second thought, don't bother to ask! Just try *Tampax** for sanitary protection on "those days" each month. You wear it *internally* instead of the outside pads, pins, belts, etc. It gives you freedom you haven't had since you were a girl. Invented by a doctor and now used by *millions*, Tampax is thoroughly scientific in construction. Made of pure surgical cotton for great absorbency, it is so small it is contained in slender applicator for easy insertion.

You can't feel the Tampax while wearing. No chafing or odor—easy disposal. Wear it in tub or shower. Month's supply will slip into purse. . . . Sold at drug or notion counters in 3 absorbency-sizes: Regular, Super, Junior. Tampax Incorporated, Palmer, Mass.

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Use a "one-pattern" look

When you get dressed to go out to dinner or a party, you wouldn't think of wearing, say, a checked skirt, a striped jacket, and polka-dot blouse. Of course not. But how often have you been in a room where the rug was one pattern, the draperies another, and the slipcovers still another?

It's possible to use more than one pattern in a room and do it most successfully. But in a small room, it's a better idea to choose one pattern and repeat it in different sections of a room. Here's a small living room and adjoining dining area where this is done quite cleverly.

You'll find a wide variety of beautifully patterned fabrics available today. Many of them are just as effective used for furniture coverings as they are for draperies. Study the way Mrs. Frances H. Conant has used one pattern. It shows how using "pattern restraint" pays big dividends in helping you get well-dressed rooms.

Single pattern makes rooms look larger

See the way the pattern is repeated around the room.

It gets its big play at the large window in the living room and is used again as the covers for the pillows on the love seat. The pattern appears again on the two big chairs in the room.

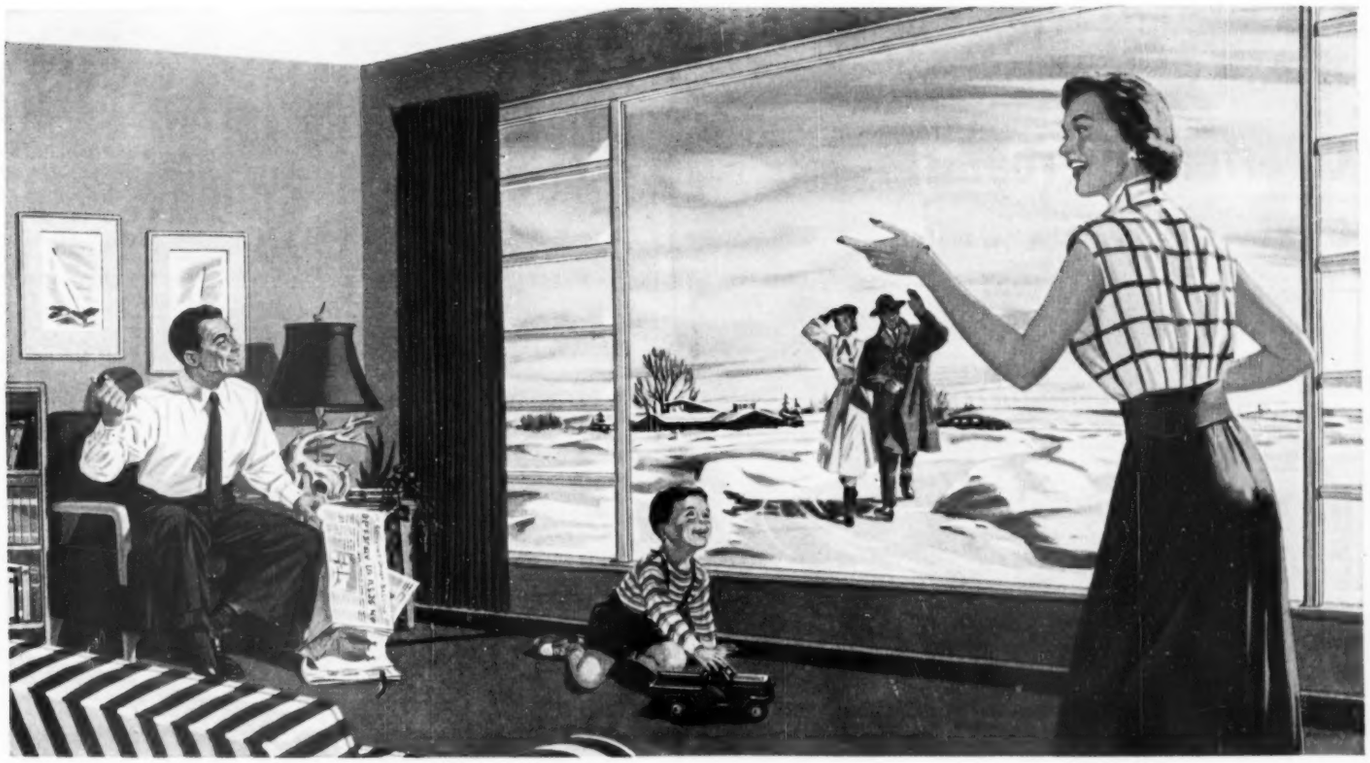
On the chairs the pattern is quilted to give variety.

Photographs: Hedrich-Blessing

The same pattern is used in the dining room

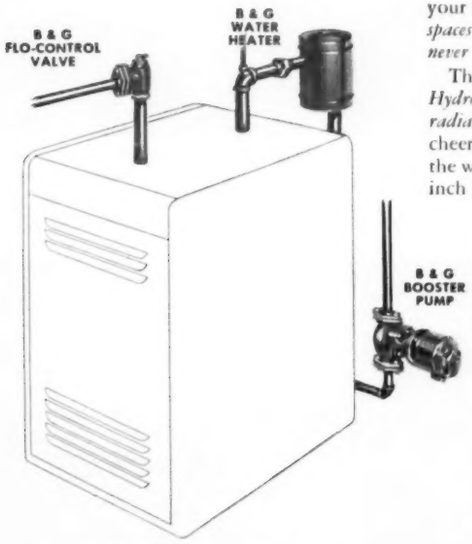
Using the same pattern for the window treatment in the dining room ties the two rooms together and helps to give a feeling of spaciousness to the living-dining area.

Pretend that another patterned fabric was used at the big dining-room window, and you'll see how the restful, pleasing effect of these two rooms would be lost.



Every inch of your home is *livable space* **...no cold spots when you have**

B & G *Hydro-Flo** Heating



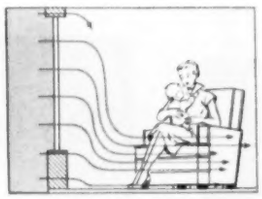
The three basic units of a B & G *Hydro-Flo* System are the Booster Pump for automatic circulation, the Flo-Control Valve to prevent an over-ride in temperature—and the Water Heater.

Remember this one vital fact when you select your heating system . . . *if the walls, floors and spaces around the windows are not warm, you'll never be really comfortable.*

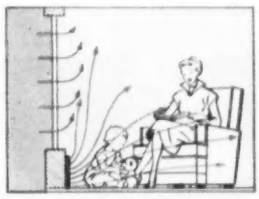
That's why your home should have B & G *Hydro-Flo* Forced Hot Water Heating. This *radiant* heating system blankets your home in cheerful, sun-like warmth. Radiant rays warm the walls, floors and window areas—make every inch livable space.

B & G *Hydro-Flo* Heating is *controlled* heat—automatically matching the heat supply to every change in the weather. No chills or stuffy overheating—just solid comfort from fall to spring. It's economical because automatic modulation of the heat supply prevents fuel waste.

So before you decide on your heating system, get the complete story of B & G *Hydro-Flo* Heating . . . send the coupon.



This is what happens when outer walls are not warmed. Icy down-drafts make the space around the windows unlivable.



When walls and floors are warm, cold drafts are eliminated—*all* the space in your rooms is comfortably warm.

PLUS ALL THE HOT WATER YOU CAN USE

The modern home needs hot water as never before . . . automatic washers and showers require ample quantities for satisfactory operation. The Water Heater of a B & G *Hydro-Flo* System produces a virtually inexhaustible supply, all year 'round at small cost.

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Ask your architect or heating contractor

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Please send your free booklet, "Capture the Sun with B & G Hydro-Flo Heating."

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Colorful new rooms over the week-end

Redecorate average room in 3 hours with the new, easier-to-use

WOOSTER Roll-On PAINTER

Roll paint on quickly, evenly, with this handy roller-and-tray kit. It's fun . . . it's easier . . . it's a better job with Wooster painting tools

SMOOTHEST PAINTING EVER because the miracle-fabric cover of the Wooster de luxe roller lays paint without streaks or laps—rolls freely on nylon bearings.

NOVEL CLEANING TOOL in roller-and-tray kit makes it easy to save covers for re-use. Inexpensive spare covers permit quick color change.

SNAP-ON, SNAP-OFF COVERS let you change from one color to another in seconds. Press thumb against nylon end-cap to pop off used cover. No more painty fingers.

WHEN BUYING BRUSHES, choose those bearing the famous Wooster name, encased in protective wrappers that keep them clean and shaped to do the best possible job for you.

WOOSTER *Fine brushes and painting tools for over 100 years*

The Wooster Brush Company, Wooster, Ohio

Here's leeway in size and cost

Begins on page 54

bathroom. That's neatly done here, too. Or perhaps you'd like more space in the living room without buying an inch more roof or floor. That's a possibility here.

But let's look at the plan as it is. You'll find it difficult to challenge 1,428 square feet that include two bedrooms, a den, two bathrooms, a large living-dining area, a kitchen with eating nook, and a utility room. Not counted in square footage are the two-car garage and covered terrace.

Exterior design is striking—and yet neighborly—wherever you build the house. We mentioned the inside lawn created by the two-wing plan. Here you have privacy without added cost of fencing or planting. And it's all yours, since the wall of glass on this side of the living room lets this outdoor space become almost part of the house.

In bedroom wing, two bathrooms are set back to back for plumbing economy. One adjoins the owners' bedroom; the other is off the hall, convenient to second bedroom, den.

With its ventilation and closet space, the den can be your third bedroom. But suppose you need it as an office or studio. Or suppose you want roughhousing children or TV out of the living room. This room will serve, and its location affords the privacy and separation you need in either case.

Making a strictly business or play proposition out of this good sleeping space could leave you in need of another bedroom. Again, your lot size remains the same. Simply place this addition on the middle ground that you bought

[*Continued on opposite page*

There's close relation of activities here, but the fireplace in the living end divides the dining area effectively without the usual "road-block" of furniture. Attractive light green walls blend with gray carpeting and draperies. At right is the hall leading to the bedroom-study wing

Study doubles as guest room, offers direct passage to fenced "back yard." It's bright, cheerful during the day, but a quiet haven at night. A large closet lets this be a third bedroom possibility and, meantime, serves guests. Floors are hardwood except in bathrooms

what makes

KAUFMANN

ALUMINUM COMBINATION

STORM WINDOWS

the **finest** you can get **regardless** of price?

Kaufmann windows are engineered to work better, look better, and last longer than any other window on the market. This is not an accident . . . but the result of continuous development from the time we built the first aluminum combination window . . . back in 1938. We are Manufacturers of America's most complete line of Aluminum Combination Doors, Windows and Screens.

Write for name of your neighborhood dealer

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MY ELECTRIC THINGS
RUN SMOOTHER WITH
A FEW DROPS OF
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3-IN-ONE OIL

P.S Mend broken dolls, wood toys with amazing **PLASTIC WOOD**

SHORT, SHORT DOG STORY
Millions of dogs eat Rival. They're so handsome and peppy, folks ask what they eat. When they learn it's Rival Dog Food, they change to Rival. Then *their* dogs look and feel "like a million," and live happily ever after on **RIVAL DOG FOOD**

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Clean, sparkling wood floors are simple to have and hold. Free book tells how. Easy step-by-step pictures explain. Send coupon now for Free copy. Limited printing so . . . write today

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Please send Booklet HT-322
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Here you're close to the entrance, with its swinging gate that opens onto terrace fronting the living room

when lot was originally acquired.

The kitchen is thoughtfully planned for storage and efficiency. A Dutch door opens to the terrace for outdoor eating and keeps youngsters in view while Mom is working. A separate laundry room is off the kitchen, and would be the spot to place your stairway if you'd hold out for a basement.

The living-dining area is just as comfortable and cheerful as you might expect from its wealth of glass. The fireplace is centered in the living end of the room, and in this way gives the feeling of a break between the two parts without requiring the usual clutter of furniture to do the trick.

And here's even more structural leeway. Along comes a family sold on a distinctly separated dining area. Besides, they want a whale of a living room. That covered terrace can well be their answer. The inside living-room wall could be carried clear to the limits of the present terrace without great difference in cost. Remember, you have the same amount of roof to build in either case. And you have a floor to put in whether the area is terrace or more living room. And wall space remains the same.

You'd probably extend only the living section of the present room (as outlined on plan). This would create the jog to separate dining activities. Terrace space off the dining area could remain as terrace, or become, in colder climates, a closed entry hall with coat closet.

Enlarging other areas of this plan wouldn't be the same simple matter of bringing out a wall. As with any plan, you must keep within the designated roof lines.

Take the bedroom wing here. If width of rooms were adjusted, its roof lines would fail to coincide with those of the connecting wing. But why change *size* of bedrooms? Square footage of the individual rooms (adequate here, anyway) won't be the measure of your family's sleeping needs. *Number* of bedrooms is the key. This plan gives that leeway to add or subtract whole rooms with ease and economy.

How to get plans for this house

Better Homes & Gardens Five Star Home No. 2302 is one of a series of

[*Turn to page 185*

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Here's leeway in size and cost

Continued from page 183

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[*Turn to page 193*

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Will your children be

Escapists or realists?

By E. Ardis Whitman

They are nice, normal youngsters, your Susan and Johnny, sturdy, bright-eyed, and healthy. They do pretty well in school, too, passing grades always, sometimes a little more. And, socially, they're popular with their own crowd, polite and pleasant to yours.

You're proud of them and you should be. As children, they're a success. But how will they do as adults? Will they be mature people, willing to discharge the obligations of life? Or will they, like too many "normal" little Susans and Johnnies before them, grow up to contribute to the statistics of escape from responsibility?

Take a look, for instance, at what happened to the last generation. Although they are citizens in the world's most powerful democracy with the fate of millions hanging on their collective wisdom, nearly 40 million American adults eligible to vote in the last election did not bother to do so; one-half seldom or never read a book; and, en masse, we spend more every year on cosmetics and alcohol than we do on education. Moreover, 35 percent of us have somehow gotten into the wrong occupation, and only about half of us are sure that our marriages were not a mistake.

Here are signs of immaturity, of escape from the demands of reality, which should alarm us more than the presence among us of a few neurotics. Somehow we must teach our children to think more honestly and profoundly than we did; and to accept their responsibilities in a changing world with greater wisdom and seriousness.

Are we doing it? Or are we bringing up another generation of "normal" little escapists? To find out, ask yourself these pertinent questions:

1. Am I hiding unpleasant truths from my child?

Recently I went to see a friend whose husband had just been rushed to a hospital. Frantic with worry, Joan paced the floor, leaping from her chair every time the telephone rang.

Five-year-old Bobby followed her around anxiously, bringing her little presents, showing her his block house, offering a scratched finger for consolation. At last he wailed, "Why won't you play with me, Mummy? Why do you look so sad?"

Joan picked him up and gave him a quick hug, but all she said was, "It's all right, Bobby. Mummy's just a little tired."

But Bobby was not comforted. Later on, at bedtime, he pleaded, "Where's Daddy? Why doesn't he tell me a story?"

"Daddy's away," was all Joan said. "He'll be back soon."

Forty percent of the American electorate fails to vote. . . .

One out of four marriages ends in divorce. . . .

Millions dodge reality in thought-numbing drink or entertainment. . . .

Let's be sure our youngsters face up to life better than this.

"It would be better to tell him," I urged her. "Bobby knows there's something wrong."

Joan shook her head. "He's too little for worries," she said, "I don't want him to be unhappy."

Most of us are guilty of deceptions like that. "They are not old enough," we cry, longing to keep them untouched, longing to keep them happy. Yet such deception is often the road to real breakdown later on in life. Long before he is out of school, every child is sure to find out that even people who love us may hurt us; that when we do the best we can, it is sometimes not good enough; that government of the people, by the people is not always wise and just. We cannot shield him from knowing; we can only save him from running away by our own courageous acceptance of things as they are and by our resolve never to tell our children less than the truth.

2. Am I protecting him from "unsuitable companions"?

The city in which I live is one of the most cosmopolitan in the United States. The census found 26 languages spoken on one street! It is like living in the midst of a festival or taking a trip to foreign countries.

Yet I often hear anxious mothers lament, "I wish I could send my child to private school! It scares me to think of the kind of children he has to mix with in this town!"

They forget that he will also have to mix with all kinds of children when he grows up—and understand them, too! If you live in such a city, don't regret it. Capitalize on it joyfully. Encourage your child to bring his schoolmates of whatever nationality home with him and to make them his friends. Encourage him to visit them and find warmth and color in their homes and in their festivals. Point out how wonderfully the rich diversity of people contributes to happier living. For be sure of this: His world will be a world of many peoples—international where yours was national, cosmopolitan where yours was small and close.

3. Am I offering too-easy solutions for his social problems?

It's 3 o'clock, and 7-year-old Tommy is not yet home from school. Anxiously you watch the clock. What can have happened to him? Where can he be? At last you hear him coming up the steps. You fling open the door and confront him. But what is this? Tommy's jacket is torn, there's a bruise on his chin, and Tommy is weeping.

Between sobs, Tommy says that Petie Jones hit him. "Not for anything," Tommy weeps. "I didn't do anything."

Your wrath rises. You tell him [*Turn to next page*

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Escapists or realists?

Begins on page 186

that Petie is a little bully and that you will talk to his mother. When Tommy's dad comes home and hears about it, he has further advice. He asks Tommy why he didn't "hit him back." Tommy is confused. Only yesterday, he and Petie were friends. Yet somehow now Petie is nasty and rude and Tommy must hit him. Does Daddy himself hit people? Tommy doesn't think so.

Too many people feel that when they have taught their children to hit back, either with invective or with blows, they have taught them to "face up to the hard facts of life." The truth is that Tommy's parents are, instead, teaching him to run away.

For the trouble with fighting is not that it is too hard a solution but that it is too easy a one. If Tommy learns no other solution to his social problems, he will never be able to give himself securely to a relationship of trust.

True, Tommy will have to learn to defend himself against unprovoked attack. But if we want him to face squarely the implications of living with other people, *he must be taught that hitting back is the thing you have to do when you can't do anything else.*

We've learned to get along without it in our personal relationships, and Tommy must learn, too. What we really want Tommy to know is that the powerful personality, the understanding heart, are better able to take care of us than the ready fist. So let's explain Petie to Tommy. Let's tell him that some little boys don't understand how to get along with people and so they hit. Let's invite Petie to come over and play and see if sharing the swing in the back yard won't help solve the situation.

4. Am I letting my child escape responsibility and duty?

It's Saturday morning and Martha is "doing" her room. The bedspread is pulled up, but to judge by the hummocks under it, it is covering just what Martha got out of two hours earlier. A dirty sock is under the bed; a wad of gum is stuck to the corner of the mirror, and a ball of paper aimed at the wastebasket has fallen short of its goal.

Martha is a likable, happy-go-lucky youngster. But what if, someday, somebody has to depend on Martha?

"Perhaps the most valuable result of an education," says Thomas Henry Huxley, "is the ability to make yourself do the thing you have to do when it ought to be done whether you like it or not."

And the sad part of it is that most of us learn this in childhood or not at all. So once given a responsibility, a child must be taught to carry it out even though we have to steel ourselves to send him back again and again. But parents who imagine that this means we must give our children "chores" to do, even if we have to invent them, are confusing the issue.

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Real work is more than drudgery. It is a constructive use of energies in a job we want to see finished—and if grown-up life is to be good and satisfying, work must be a joy a great deal of the time.

So if you want to give your child a positive, healthy attitude toward work, find jobs for him to do which combine a not-to-be-shirked responsibility with an inner conviction of the worth of the thing he is doing. Pets for which he is responsible make an ideal solution; so does helping with the housework if we explain that we entertain our friends only when the house is gay and pretty for them. Best of all are the community tasks which wait for the child in the modern world—tending the March of Dimes booth, collecting clothes for the children in Europe, making Christmas toys for their friends in the orphanage.

5. Am I, on the other hand, expecting too much of my child?

We stood together, his mother and I, and watched 5-year-old Donnie building a house—that is, he was piling small boards against each other hopefully with nothing at all to keep them upright. Each time just as Donnie was supposed to enter his house, the whole thing collapsed with a bang. Donnie endured this patiently three times. Then he began to cry and furiously kick the prostrate boards.

We had waited too long. The time to help was *before* he failed. By all means, let's stretch their capacity to the limit—but not beyond. For more children escape from life because they find things too hard for them than because they find them too easy.

Nor is it true that modern life is easier on children than life in Grandma's day. Modern life is full of new experience, and therefore, it is full of fears. Often we forget how terrifying new experiences can be to a child. No one expects an adult to cope brilliantly with a first lecture assignment; yet we often confront children with a change as terrifying, and feel that the whole concept of "letting them do things for themselves" has fallen through if they cannot cope.

Let's minimize our child's fears by preparing them for change. When 11-year-old Stevie goes alone to visit his grandmother, 300 miles away, let's tell him what the station will look like where Grandma will meet him; tell him how to find the Traveler's Aid desk if Grandma isn't there; tell him how to call up Grandma's house and even how to call home, if necessary.

In the same way, let's prepare our children for the first day at school, for tonsillectomies, and new baby sisters, and summer at camp.

6. Am I letting my child escape the need to think?

It's a rainy afternoon, and 12-year-old Henry can't go out to play. Henry frets for a while, but soon he is flat on his stomach, lost to the world with Superman and Fearless Fosdick.

In the kitchen, Henry's mother complains to her husband, "I wish Henry would stop reading those comic books. They're full of

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nothing but murder and other sensational crimes."

Perhaps. But Henry's mother has not put her finger on the real heart of the difficulty. After all, children have always read and loved tales of blood and thunder. The problem is not that Henry reads the funnies. The problem is that he reads *nothing else*.

He has a good mind, a fine mind, but the rest of the gang think it's silly to take a teacher seriously, so Henry thinks so, too. They feel the same way about being fond of good music or interested in politics—and so who can Henry talk to about these things? His teacher, with 35 pupils in the class? His parents? Or are they watching television and reading the grown-up equivalent of the comics?

How is Henry ever going to think below the surface of any question? How is he going to be proof against propaganda? How will he find his way through controversial issues? How will he establish any values to live by?

If you want to teach your child such profound and honest thinking, *give him an atmosphere in which thinking is respected*. Is there good talk in your house? Do you linger at the table debating an issue? Do you entertain people who have something to say and give them a chance to say it? Do you refuse too-easy solutions to your own problems and probe for an honest answer?

Above all, do you listen to *him* when *he* is "thinking" out loud? None of us hold any brief for the parent who answers a child's questions with "Never mind," "Don't bother me now," or "Can't you see I'm busy?" But we don't do so much better when we keep one eye on the clock and the other on our child's drawings or stories and mumble, "That's fine, dear," or "How interesting!"

Children aren't fooled, and conclude it's not interesting, since you obviously don't think so.

If you want to help your child think, there's no better way than to *think with him*. Listen to his questions and his ideas; challenge him frequently by saying, "How do you know?," "Why do you think so?," "Are you sure?" and don't cringe if, once in a while, he asks some questions about your behavior, too!

Finally, provide for him the tools of thinking. When I was a little girl in a country parsonage, books were as much a part of our life as apple pie and doughnuts.

In such a house, parents needn't worry about the comics. The child will read them until he is ready for something better; then move on as naturally as he graduated from sieved vegetables to pot roast.

Parents set the values their children live by. If you habitually examine both sides of an issue, so will they. If you cherish a task well done and admire the courageous thinker who stands up for his convictions, they will too. For in the end, you are the one who decides whether your child will meet life with maturity or run away from the responsibilities of freedom.

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Modern medicine's newest problem

Continued from page 40

Evaluation Clinic. Everyone on the staff—Doctor Rusk, Dr. Donald Covalt, Dr. George Deaver, the consultants, physical therapists, occupational therapists, psychiatrists, nurses—the whole team is there to hear your record read, to discuss your case, and meet you personally. They're all there because they're all going to work with you *as a team*. They're not going to concentrate on your paralyzed legs; they're going to work on you as a disabled *person*—on all the problems your disability has dumped into your lap.

They roll you into the center of the assembly room and Doctor Covalt introduces you to the group. You like Covalt from the start. He doesn't stare at you as if you were a lump of protoplasm; he gives you a simple, warm introduction and gets on with the business of deciding what they're going to do about you. It doesn't take long; they know what they're doing; they write up your program like a prescription—and that's exactly what it is, a scientifically compounded prescription. You'll start taking it the next day.

Your training starts in the morning with your doing what you can to dress yourself in bed. When you're able to sit in a wheelchair, your days of breakfast in bed are over; you roll down to the cafeteria like everyone else. There's plenty of help when you need it, but it's "help yourself" as soon as you can.

You're given a card on which you find a complete schedule of classes for the week. They're every hour on the hour from 9 straight through 5, with an hour out for lunch. You've got to make all those classes on time; from the ground floor to the third, from the third to the second. It keeps two elevators busy and at first it wears you out just wheeling. But everybody's doing it; there's plenty of activity; nothing dull about the place.

You forget exactly how you began, but as the weeks roll by you find that out of your Activities of Daily Living course you can: stand erect on the steel, full-length leg braces they outfit you with; swing like a pendulum on your crutches because your arms are good; get from your wheelchair to another chair; pull yourself in and out of a bathtub; dress yourself; and even get off the floor and get your crutches under you again if you slip and fall. You learn all the things you'll need to know when you get home and are completely on your own. Best of all, you learn to get in and out of a car, and you can even *drive* it yourself with hand controls. You may be a paraplegic but you're mobile again. You're a man again; you're in business again and you can get out and *sell* and hold your own. You're no longer haunted by the nightmare of what will happen to your family. You don't mind being in a wheelchair or having your legs in braces; you've gotten back the thing that counts most—your independence, your self-respect. Weaving may be fine for some people, but it's not for you.

"It costs money to keep people unhappy," says Henry Viscardi, "and I'll prove it to you." Viscardi is executive director of the job office of New York University and Bellevue Medical Center called J.O.B., which, of course spells "job" and which is sometimes called "Just One Break." This committee was organized about two years ago by Doctor Rusk to try to do something about the problem of finding work for disabled people whose only real handicap had been widespread misunderstanding about their actual capabilities.

The man who sits behind the big desk in the J.O.B. office is a perfect example of what J.O.B. stands for. Henry Viscardi wears artificial legs; before he had them he was only 3 feet, 8 inches tall; he knows what it's like to be stared at. And as a businessman—he was a $15,000-a-year personnel director before he took a pay cut to head J.O.B.—Viscardi knows what it is to measure a person's ability against a job to be done. Despite the overtone of sympathy in "Just One Break," J.O.B. skips sym-

What happened in Knoxville, Tennessee?

The answer to that question and the question of what *you* can do to get our handicapped citizens out of their sickrooms and wheelchairs and into gainful employment can be obtained by writing the Federal Security Agency, Office of Vocational Rehabilitation, Washington 25, D. C. They'll send you without charge, *Community Organization for Vocational Rehabilitation*, a how-to-do-it booklet; and *Operation J.O.B.* Other helpful publications can be obtained from The National Society for Crippled Children and Adults, 11 South LaSalle Street, Chicago 3, Illinois.

Chambers of commerce, service clubs, veterans organizations, women's clubs will find in these publications a blueprint for action that will result in the kind of practical help the handicapped want and need.

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pathy. The only break J.O.B. expects for its job applicants is a chance to prove what they can do in a job within the limits of their abilities.

"It costs much less to train people for jobs than to give them public care year after year," says Viscardi. "And when you free people from public care, you also free those who care for them. It is only good sense to make an asset out of a liability."

To prove that it costs money to keep people unhappy, Viscardi cites Knoxville, Tennessee, as an example. Knox County has a population of 225,000. A survey showed 1,500 people on relief because of disabilities, and 518 of these cases that might be helped. It cost $325,000 a year to support these people, but if only 250 could be employed, rehabilitation (a one-time item) would be $113,000. That would be a saving of $175,000 every year thereafter. In addition, those who were employed would create $400,000 a year in wealth for the county. A team of experts in vocational rehabilitation and Viscardi showed Knoxville how to take unhappy people sitting in back rooms waiting to die and turn them into happy, self-respecting people who are an asset to their community. They're going to meet their 250-job goal.

Viscardi has found more than 1,000 jobs for disabled in the two years he's been at it.

"I meet plenty of objections from employers the first time I suggest that they hire people recommended by J.O.B.," he says, "but all these are forgotten when they find that among their handicapped workers there is less absenteeism, less labor turnover, and that production rates are as good or better than average."

Viscardi recalls the foreman who feared that the man he was about to employ would not be able to handle his tray in the cafeteria. Although he had lost both hands, Ernest Della Donna was able to write, open doors, and handle other tasks with his mechanical hooks.

"I'll make a bet," said Henry. "If that boy goes hungry two days, call me and the deal is off."

Today Ernie Della Donna is supporting his wife and three children, and his foreman says: "Ernie asks no favors. He's a better worker than some men with their own two hands. He's fast, willing, and well liked. Now we're considering using other physically handicapped people."

Viscardi can go on endlessly with stories of people who've made good. There's Charlie Moore, coal miner, who became a paraplegic when he was trapped in a cave-in. Charlie became a disc jockey, is now a silk-screen operator. Paul Wittgenstein who lost an arm in World War I is now a concert pianist.

There's the case of the market analyst who lost his sight. He was given a year's salary and asked to resign. He had small children to support; he went to J.O.B.

[*Turn to next page*

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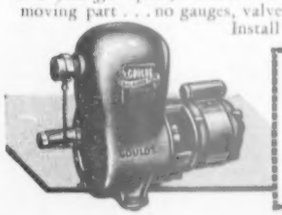

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Modern medicine's newest problem

Continued from preceding page

"A few years ago he would have been trained to make brooms or run a newsstand," says Viscardi. Viscardi knows from his own experience that a man's mental ability isn't necessarily affected by a physical handicap; Henry suggested a job as a market expert. The man now heads a department at a $12,000-a-year salary.

"We don't go looking for the handicapped," says Viscardi, "we don't bring them a job on a silver platter. They must look us up first. That's the way it's done in the business world, and that's the way any self-respecting individual wants it. A disabled man's biggest handicap is not the loss of his arms or legs or sight; *it's the haunting fear that he'll no longer be able to make his own decisions.*

"It's not for us to interfere with his personal freedom. Our business is to measure jobs against abilities and set the stage for them to come together. We let a man speak for himself; we never attend an interview. We must be very careful to see that a man isn't discouraged from going into something he prefers. We may think a certain venture is not worth the risk, but who are *we* to stand in the way of his—as well as any man's—inalienable right to make his own mistakes?

"Otherwise rehabilitation doesn't make sense; we're limiting it to *economic* rehabilitation which is just about as bad as our thinking that rehabilitation means 'made work.' The whole idea is to rehabilitate the *man*, to make him *mentally healthy*. Employment is just the *means* to that end. Men have the spiritual resources that will enable them to live with and overcome *any* physical handicap if they have a deep awareness of their own worth and dignity. That awareness comes only when it has been proved by other people's respect for their right and ability to make their own decisions, to lead their own lives."

There's a mean little story that illustrates how hard it is to get this idea across to the general public. Bill Rogers spent four months at the insitutue; a paraplegic, he did a heroic job of learning to care for himself. With braces and crutches, he could walk short distances. With his collapsible wheelchair, he could get anywhere in New York City without help. When he completed his course at the institute, he took a room in a hotel and started job hunting. Rogers loved music and wanted to connect as an entertainer in a restaurant or club. Maybe that wasn't the wisest choice, but he wanted to try it.

The sad truth of the story is that Bill Rogers hasn't as yet connected as an entertainer—he's never had a chance to do what he would really like to try. Rogers realizes he might not have what it takes.

"All I want is the same chance anybody else has to find out whether I'm a ham or a hit," says Bill.

Rogers meets closed doors day after day as he makes the rounds of the New York agencies, but Bill Rogers' story summarizes the whole problem of rehabilitation in America today. Rogers is a product of the finest rehabilitation program in the country. The best brains in physical medicine and rehabilitation have lavished their time and talent on his case.

What has Rogers done? He has labored and sweat and agonized for months until he could drag himself erect on his dead legs. He has fought back discouragement and self-pity and weariness; in one day of training he displays more physical courage, exerts more energy, and breaks more records for human endurance than any Olympic athlete, baseball hero, or All-American. But people don't think about that.

What does Rogers get? He gets the door of opportunity slammed in his face. He gets our childish fears of the unknown whenever we say—as did the Manhattan secretary: "I don't want to work at a place that employs a lot of cripples; it's depressing."

Rogers—and thousands like him—asks for bread in the form of a job he can handle, and we give him a stone—the stone of subtle prejudice, the stones of Manhattan where he can wear out his wheelchair and his hope pushing from one two-bit job to another.

What about Viscardi and J.O.B. and the Office of Vocational Rehabilitation? Henry Viscardi's constant fight is to change the subconsciously negative attitude of labor and management toward the disabled. As Mary E. Switzer, director, Office of Vocational Rehabilitation, points out, "No government agency can change what is in men's minds and hearts." *You* are the only one who can do anything about it.

The pioneering job being done by New York University's Institute of Physical Medicine and Rehabilitation and by rehabilitation centers around the country can fail completely. It all depends on you.

If the people who come out of a place like the Institute of Physical Medicine and Rehabilitation are not employed, what case can Doctor Rusk make for the expense of putting them back on their feet? It would seem better to revert to the old "just-make-them-comfortable" school.

Where do you fit in? You're right in the center aisle of public opinion because you're an average citizen, and employers base their opinions on what you think and how you feel.

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mature about the men and women whose legs are braced—whose spirit this country needs—then there's a gloomy alternative.

"If we don't do something about using the disabled, the chronically ill, and the older-age group in our economy," says Doctor Rusk, "by 1980, for every able-bodied worker in American there will be one physically handicapped, one chronically ill, or one beyond the age of 65 on that worker's back."

Despite the barriers which often confound everything which the handicapped person has been told during his rehabilitation program, despite standards which take no account of his ability to perform a day's work as efficiently, safely, and regularly as his able-bodied neighbor—despite this, men like Doctor Rusk and Doctor Covalt and Henry Viscardi believe that the goals they are working toward are of the very substance of the American ideal. And that the American people will not let them be denied to anyone.

As Doctor Rusk puts it: "We have added years to their life; now it's up to us to add life to their years."

Here's leeway in size and cost

Continued from page 185

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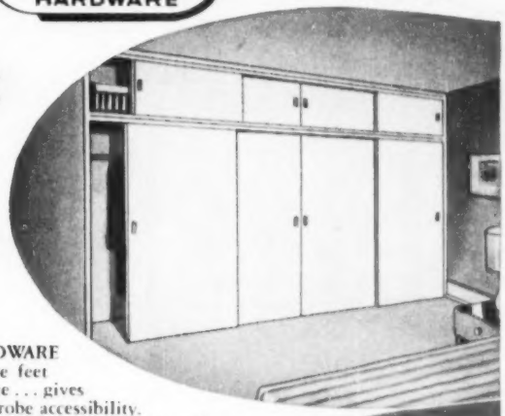

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When should you consult your lawyer?

Continued from page 8

laws, and possible jokers in your lease! What about state laws and local ordinances? Are you sure you're taking possession of a going business free and clear of all the previous owner's debts? Even a pint-sized business can provide gallons of trouble if all these points aren't checked.

Marge and Bill didn't realize that when Edna offered them a half partnership for $1,500. Edna explained that they'd be silent partners, and that she planned to use their money to expand her credit, buy more stock for her dress shop, and make bigger profits for them all. It sounded marvelous, but Marge and Bill decided to see their lawyer first.

They gave him the facts, and he said he'd make an investigation. He found that Edna appeared to be an excellent saleswoman but her credit record was poor and she was being sued by several creditors.

"When they find out you are partners, you'll be held personally liable for any future partnership debts," he told them. "It doesn't matter that the $1,500 is to be your maximum contribution. Creditors can collect out of any of *your assets* they can find! You can become *limited partners,* and protect your individual property. However, I question whether it's wise for you to invest your money at all. The fixtures in Edna's shop are on conditional sales contract, and she's behind in her payments. The companies may repossess their property at any time, and if that happens, she's out of business, and you'll either have to put up more money to keep her going, or accept your loss."

Bill and Marge kept their money, and later Marge said, "It wasn't long until Edna went broke. We figure our lawyer's $25 fee saved us $1,500 and maybe more!"

When hiring others. If your part-time gardener negligently runs a wheelbarrow of rocks over your neighbor's big toe and she threatens to sue you, there's no doubt she'd be entitled to something. Two questions in your mind are: (1) Can you be held responsible for the act of your gardener? (2) If so, does your insurance cover the accident?

If the man is an independent contractor, you're O.K. If he's an employee of yours, you're stuck. Whenever you hire others, whether they be high-school students, workmen, servants, or others, it's wise to check and see what's needed for self-protection.

Your lawyer must be consulted where there is a will, an estate to be probated, guardianships, divorce, adoption, lawsuits, and so on. In addition to these "regular" duties, he is a good man to know when general advice is needed. For instance, he can tell you where to get help if your marriage isn't going as it should. In some cities, lawyers, physicians, and others form

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That's Sani-Flush, *the* toilet bowl cleaner. Gets toilet bowls really clean . . . and it's safe in any septic tank system. Disinfects as it cleans. Follow simple directions on the can. No messy scrubbing. Your grocer has it.

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clinics to aid and advise in marital problems. A puzzled parent may be directed to probation officers, social-service workers, or juvenile authorities.

Another "nonlegal" job is untying financial tangles. A family deep in debt is risking attachment by the sheriff of its home, wages, bank account, or other property. Often a pooling arrangement of all debts can result in easier monthly payments over a longer period of time, and an assurance against such money jams. Your lawyer is also a handyman at plugging leaky budgets, or showing how your money can be handled to better advantage.

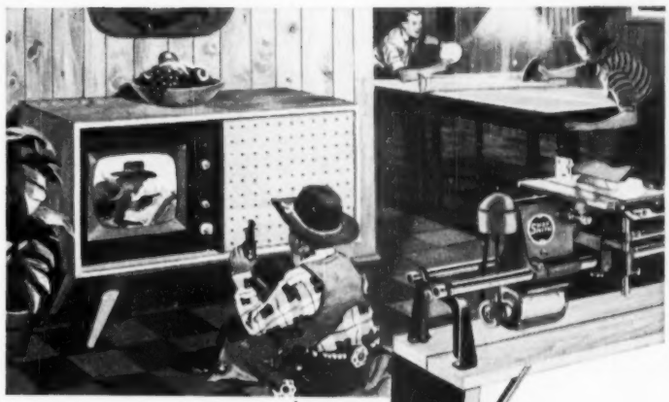
With income-tax time approaching again, don't deal your lawyer out. He's one person who can help you fill out a correct form. No matter which of the 1040 forms you use, there's no reason to add up your mounting tax bill by being shortsighted. In some cases, the short forms in particular, you can no doubt do it yourself by defining each term carefully and applying it to your situation. But, when you are in doubt, consult your lawyer. You'll be money ahead.

One man, half jokingly, went to his lawyer and asked what he should do about his "cranky" mother-in-law. After a thorough questioning, he was told, "I don't know the answer to that one, but I'll find out."

Through contacts with family-relations experts, the lawyer came up with a solution: (1) A small apartment, shared with another elderly woman nearby, yet not so close she would visit every day. (2) A part-time job that earned enough to keep up self-respect and help her son-in-law foot the bill. (3) A medical checkup to discover that her bad temper was caused by a diet deficiency.

Like your family doctor, a family lawyer is the man to see when you are troubled. Like your doctor, he'll do a lot more for you at a lot less cost if you get to him *before* your trouble begins!

—BETTER HOMES & GARDENS—



What to look for in a power tool ...Where to find it

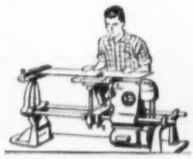
One thing is how much it can do. SHOPSMITH scores highest here because it's *5 tools in 1*, including a vertical and horizontal drill press. You can change from one tool to another in less than 60 seconds! Be sure *your* tool has . . .

THE ABILITY TO DO MANY THINGS, NOT JUST ONE

An inaccurate tool is worse than no tool at all. SHOPSMITH is so accurate that its Disc Sander, for example, can make exact duplicates of drawer fronts, table legs, etc. Whatever tool you get, get . . .

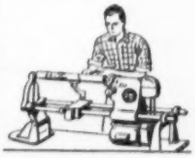
HAIRLINE ACCURACY WHEN YOU NEED IT

The ability to handle *big* work —such as cutting to the exact center of an 8′ panel with a SHOPSMITH 8″ Circular Saw— is another feature you'll want. Yet SHOPSMITH stores in a 16″ x 60″ area. Make certain your tool has . . .



ENOUGH CAPACITY FOR EXTRA-BIG JOBS

An all-round, multi-purpose tool will take care of those unexpected requests—to make a wooden fruit bowl, for example, one of many things you can turn on a SHOPSMITH Lathe. The tool you buy isn't a *good* buy without . . .



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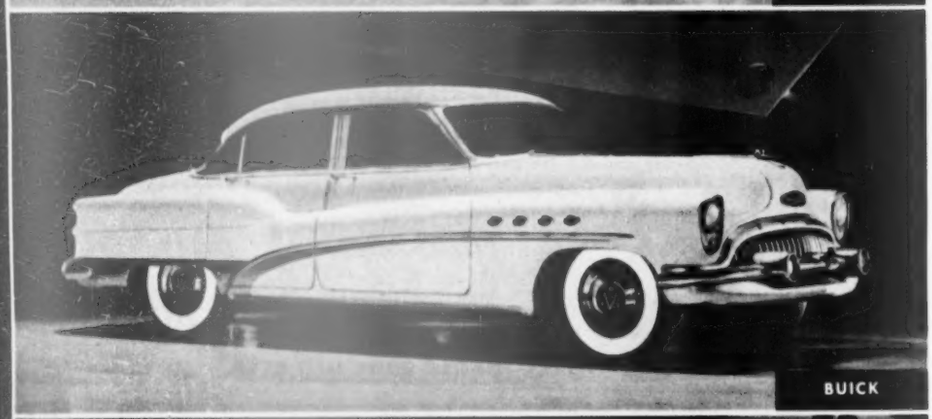

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How to use bits of fabric

By Harry Richardson

Pad utility stool for comfort, and slipcover with a fabric scrap. Finish cover with an elastic edge to hold it in place, or stitch tapes under the ruffle and tie them to stool legs

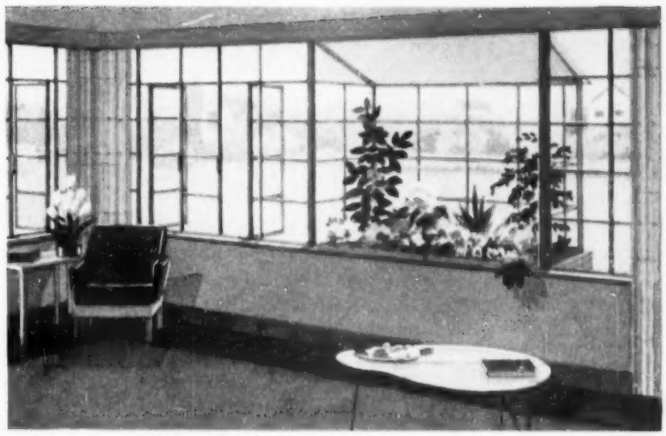
Make a pile of party napkins from gay scraps: plaids, prints, or plain bright colors. Cut squares to size you want; fringe edges. Use narrow ¼-inch fringe and they won't tangle up in your washing machine

Stocking or glove case is quick to stitch from bits of silk. Make several—for yourself and as gifts for friends. Use a print on the outside, a plain color for the lining. Pipe edges and tie with contrasting color

Arm and back protectors on upholstered chairs cover worn spots, and protect them from spots and soil. For your plain chair, make them of a patterned fabric left over from draperies or slipcover of another chair in the same room

Patchwork "paintings" will use up your tiniest scraps. Choose fabrics from your workbasket that express the different parts of your picture, such as polka dots for fruit trees, narrow stripes for the roof of a house

More on next page



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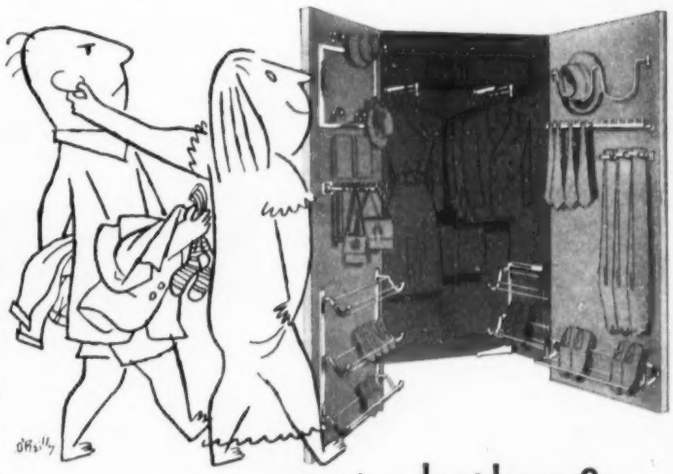

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The instant you see the new KenRubber tile in stores today you'll know why it is the first flooring choice for America's finest homes.

First, your eye will be attracted by the glowing, mirror-smooth surface and the rich clarity of the thrilling decorator colors. You won't be able to resist reaching for one of these perfect tiles. You'll look at it from top to bottom. You'll see how every color goes tile-deep and can't wear off. No felt or other backing here!

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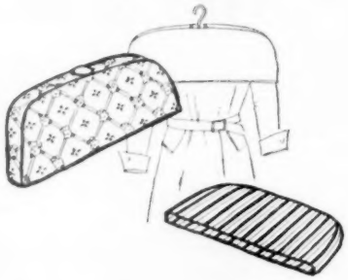
KENRUBBER
TILE FLOORS
TRADE MARK

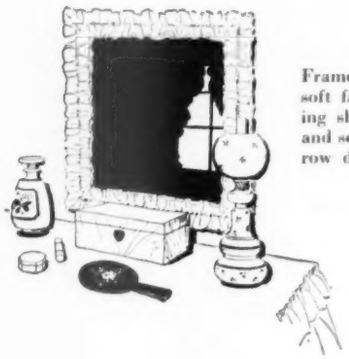
for Cushioned Beauty

How to use bits of fabric

Begins on preceding page

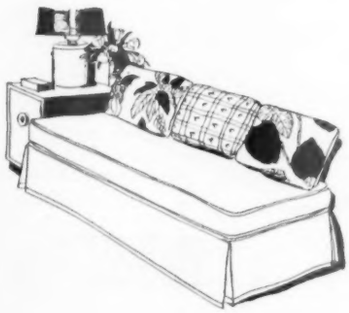


Garment covers to protect the clothes you plan to store away can be stitched up in jiffy-time. Use contrasting color to bind the seams and edges

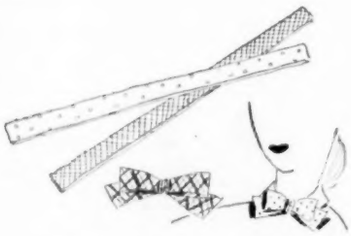


Frame a dressing-table mirror with a soft fabric. Cut two strips with pinking shears (to avoid seams at edges) and sew through center to make a narrow draw pocket. Shirr to fit mirror

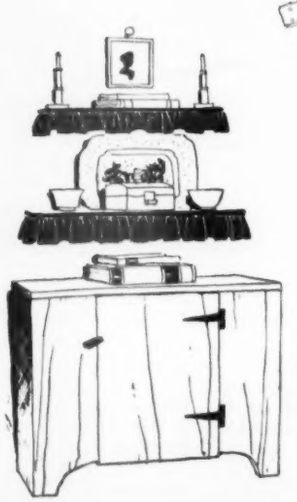
Ruffle a skirt to match, to cover lampshade. Batiste, organdy, or dotted swiss from your scrap basket are ideal in girl's room. For tiered slipcover, be sure to do edges with pinking shears to avoid stiff-looking hems



Cover sofa pillows with leftover cottons, sturdy enough to take punishment. Be sure your colors look well together, but go ahead and mix patterns for lively effect. Prop them on a plain-covered daybed in game room or porch



To make a perky necktie for white blouse, seam narrow strips of a small plaid or allover pattern. Use either cotton or silk scraps; if the silk is very soft or limp, stiffen it with an interlining of plain muslin



Shelf ruffles of tiny-printed calico require a minimum of time to make, only a bit of fabric. Tack them to your shelves with colored tacks, so you can take them down for sudsing

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Heat with sunshine

Begins on page 175

sun-drenched benefits of windows that stretch from floor to ceiling, or all-in-a-line planning that faces these windows so they promote the maximum in light and view. Same goes for the one-pitch roof.

But the Victor Hirsch home, you'll note, doesn't stop there. It's even more specifically related to a desert setting—and makes capital of the sun for an economic reason, too. The one-room-deep structure is built to store the heat it soaks up during the day, then to radiate it comfortably within the house during cooler evening hours.

How does it do this? The window expanse on the south (front) side of the house is backed by a concrete wall that absorbs the rays of the sun as these pass through the glass. To make it an even more effective "solar reservoir," the wall is sloped at its base to catch the slanting rays of the winter sun.

Solar heat follows enough of a predictable pattern that this family has learned to control it. Warmth from sunshine penetrates their concrete wall at the approximate rate of an inch per hour. Once closed off from the sun, the wall loses this heat at about the same rate. Their 8-inch wall, when "saturated," can therefore be expected to stay warm eight hours. The home has a small heating plant, but it takes a back seat to these natural processes.

Obviously, the heat and brilliance of the summer sun are matters to guard against in the desert climate, not to tender free admission. For this, Architect Arthur Brown had an answer. He positioned the house so that it receives direct sunrays only during winter months when Sol is declined far to the south. In the summer, very little sunshine strikes the wall, and none when curtains are drawn against it.

These light-colored curtains play an important role in regulating the temperature of the Hirsch home. During winter, they are drawn across the windows at sundown to hold the heat in, and during summer they are drawn at midday hours to shade the interior.

Floors are concrete, too. They're insulated at the outer walls only, which means that warmth captured by the solar wall spreads along the floors for a more comfortable distribution of heat inside.

But even without this solar ingenuity, the Hirsch family has a well-planned house. The spacious "main" room, used for living and dining, is a good example. Traffic flows easily from this area through the hallway formed by the glass exterior and solar wall. Two large bedrooms, each with a bath-dressing room, fall in line behind this sunbathed inner partition.

This, then, is "Ranch style" to a letter—with a purse-warming message for Southwesterners, Floridians, Californians, and basic "sun for sun's sake" ideas you can take to any part of the country.

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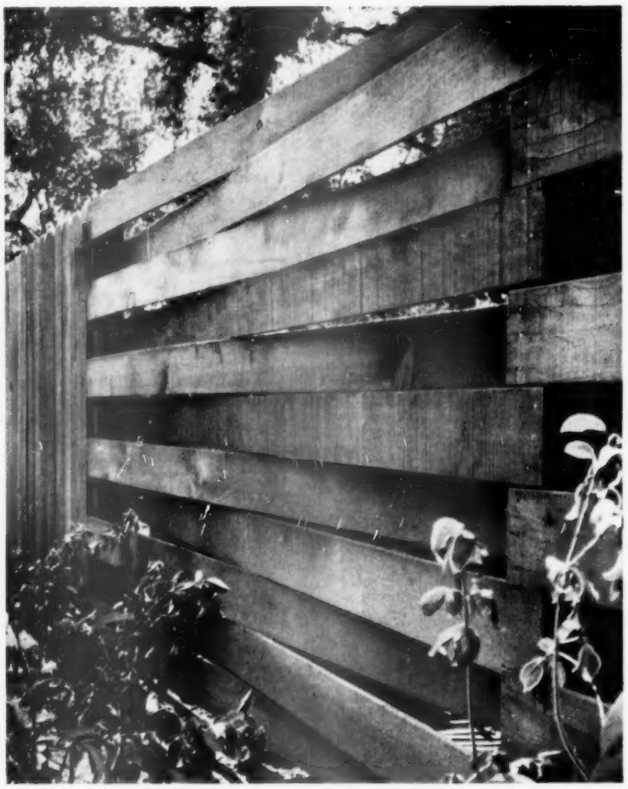
Good gates and fences

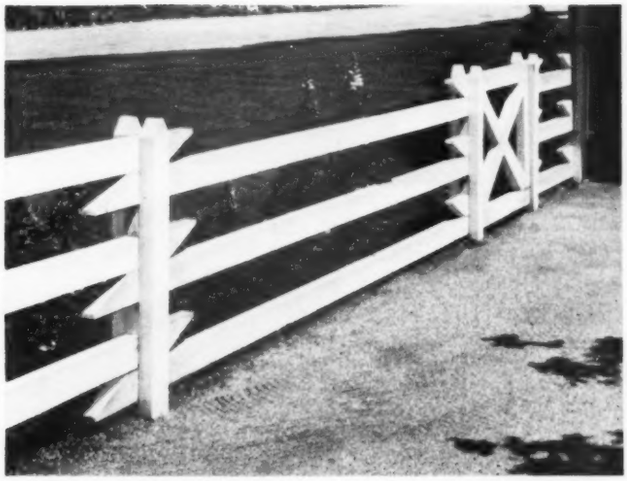
Begins on page 56



Where you need to shut out noise, dust, and disturbance of passing traffic, here's an economical high fence that's not monotonous. Start every other board on inside of first post, then nail opposite ends to outside of next post. This works easily with sections 6 or 8 feet long

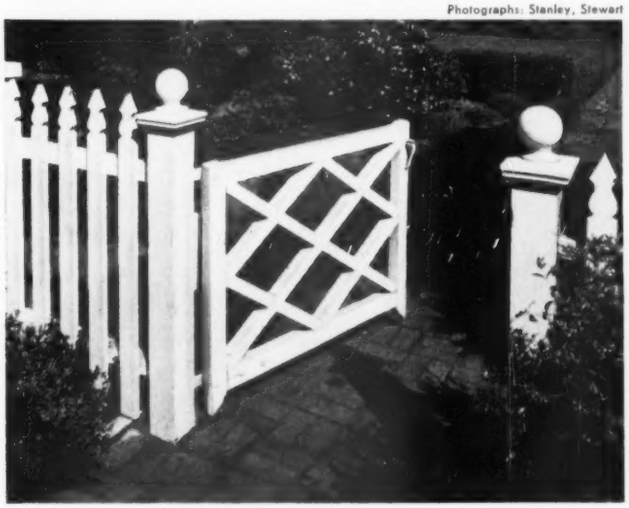
Post-setting and -painting

When setting wooden posts, use common gray cement with the soil in making backfill. In average clay-loam soil, throw in good handful of cement after each 4-inch fill of soil. Cement will mix with soil as you tamp; mixture sets up firmly



Where you want to mark a boundary, but two-footed and four-footed trespassers are not expected, consider this simple but effective design Rails are spiked between pairs of posts. Slanted ends can be ordered sawed at mill. Crisscross of the gate design also serves to brace it

Photographs: Stanley, Stewart



The traditional picket fence has enduring appeal. These picket heads have beauty worth extra time and care spent in sawing them. Design of gate provides strength while retaining faint Chippendale flavor usually harmonious with a house of bona fide Colonial details

tips for fence builders

To prevent later decay, all sides, tops, and bottoms of fence pickets should be well painted before nailing. Clamp pickets as here and coat edges first. Tight fit stops most creeping of paint. Brush picket faces last to get a smoother job

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Slightly Higher West of Missouri River

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Imagine receiving A COMPLETE HOUSE IN ONE SHIPMENT—ready to erect! You get everything needed. The lumber is the finest—every piece THOROUGHLY DRY. And it comes to you the EXACT SIZE needed—cut at the mill by fast, precision machines. No stopping to measure and saw each piece! (You save as much as 30% on labor—18% on waste) AND YOU CAN CHOOSE FROM 99 INDIVIDUAL PLANS—beautiful, modern houses of all sizes and styles. Not only will you save money but you will have the satisfaction of knowing that Aladdin Houses have withstood the test of time during the past 46 years. Aladdin's thousands of satisfied customers are your guarantee of honest value.

THIS IS THE WAY TO BEAT THE HIGH COST OF BUILDING!

With carpenters getting up to $24 a day think how much you can save by building your own Aladdin house! Carpentry work runs from 300 to 1200 hours, depending on the house you choose. Even if you hire help you save because most of the expensive, time-consuming labor (measuring and cutting) has been done at the mill. No wonder Aladdin houses are so easy to build—and at a cost that often compares favorably WITH PRE-WAR COSTS! Drawings and instructions are simple to follow and cover everything from foundation up. More than half the Aladdin houses sold have been erected by buyers themselves!

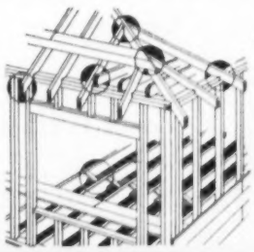
WHAT YOU GET WHEN YOU BUY AN ALADDIN HOUSE

- ALL THE LUMBER accurately cut to fit, marked and numbered ready to erect practically without use of a saw.
- SIDING
- FLOORING
- DOORS
- HARDWARE
- PAINT
- TRIM
- MILLWORK
- MOULDINGS
- WINDOWS
- GLASS
- ROOFING
- NAILS
- COMPLETE DRAWINGS & INSTRUCTIONS

IMMEDIATE DELIVERY

WHAT READI-CUT MEANS

The picture at the right shows how each piece of Aladdin lumber is cut to EXACT size at the mill—mitred and bevelled for perfect fit. Aladdin houses are designed to meet the most exacting building standards in both construction and materials.



ALADDIN GUARANTEE SATISFACTION OR YOUR MONEY BACK

GOOD HOUSES NEVER GROW OLD—
ALADDIN HOUSES ARE NOT PREFABRICATED

THE ALADDIN CO. Est. 47 Years
BAY CITY, MICHIGAN

Send 25¢ FOR BEAUTIFUL NEW FULL-COLOR CATALOG No. CM-8

VIGORO . . . so gentle, yet so complete it can make grass grow and thrive even in plain sand!

Your lawn wakes up from its winter sleep much earlier than you may think! So feed Vigoro now. It does not require a "warm" soil . . . starts to feed turf just as soon as growth begins.

By applying Vigoro now you can have an even finer lawn this year. For Vigoro helps grass get both an early and more vigorous start—develops deep foraging roots. Thus it increases the organic content (humus) of your soil as new root systems take the place of old decaying ones. And so, your soil becomes a better storehouse for plant nutrients and moisture. Your lawn stays green and lovely with less watering.

Get Vigoro from your dealer today. Apply it according to the instructions below at rate of 3 pounds per 100 square feet.

**Vigoro is the trademark for Swift & Company's complete, balanced plant food.*

HOW TO APPLY:

Now, if lawn is dormant: Apply at rate of 3 lbs. per 100 sq. ft., even before the frost is out of the ground. If there's snow on your lawn, apply Vigoro right over it.

When lawn is green and growing: Be sure grass is dry. Then apply at same rate and wet down thoroughly. In making *new* lawns apply at same rate *before* seeding.

The VIGORO family of gardening aids:

VIGORO • End-o-Pest • End-o-Weed
End-o-Weed Crab Grass Killer
End-o-Pest ARC (Ant-Roach-Chigger Killer)

For spots that take wear—

Brick garden paving

New and old brick is widely available, easily handled. This terrace is of unmortared bricks on a 2-inch bed of sand

Well-handled brick paving brings interest. Shapes and pattern variations should fit the location, and often can be used to emphasize your general garden design. Bricks are roughly 2x4x8 inches. You'll need about 4½ per square foot, laid flat

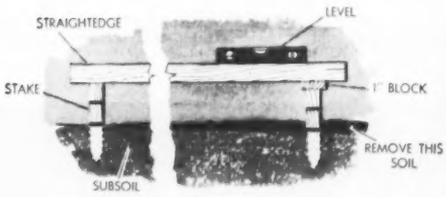
Comparatively simple and inexpensive surfacing of outdoor areas where sod can't take the wear will add immeasurably to your family's convenience and comfort, and make your whole place look smarter.

Paving your walks, entrances, under gates, along the drive, or any of your heavily traveled places, will let you use your garden earlier in spring without tracking indoors. You can move toys, wheeled equipment, or garden furniture easily, and cut the amount of grass you'll need to mow. You'll enjoy sure footing on a surface that needs only an occasional hosing off to keep it clean.

First in a series on garden paving materials, we show you how to lay brick on sand or in mortar.

More photographs on next page

Here's how to lay a brick walk or terrace on sand



Establish slope — about 1 inch per 15 feet — so your paving drains away from house

After smoothing grade, set edge of bricks on end. Add sand, and level 2 inches deep

Photographs: Weymouth, Cleveland

Regular builder's sand makes a good base for bricks. Level with a straightedge board that's notched to thickness of the brick at both ends

Sprinkle leveled sand; add more sand; tamp and smooth. Lay bricks from corner, from outside sand bed. Sweep sand in cracks; hose off

Home gardens flourish when treated with new form of trace elements

Growers have long recognized the fact that most plant life needs certain trace elements for healthy growth. Until now, most standard fertilizers have contained only the three major elements: nitrogen, phosphorus, potash. Many soils, therefore, continue to decline in productivity despite the use of regular commercial fertilizers which lack long-lasting trace elements.

Trace element starvation in plants can result in a wide variety of symptoms. Foliage may be sparse, mottled or discolored. Plants may be immature. Crops may be poor in quality and in yield. These defects may be appearing in *your* plants, caused by *your* particular soil conditions.

FTE promotes healthy growth and full yields

A new way of putting the essential trace elements back into soil has been developed by agricultural science. Vital plant minerals can be introduced into your soil in a *slowly-soluble* form called FTE (fritted trace elements).

FTE used by farmers, truck gardeners and nurserymen has produced beneficial effects on vegetables, field crops, fruits, shrubbery and flowers.

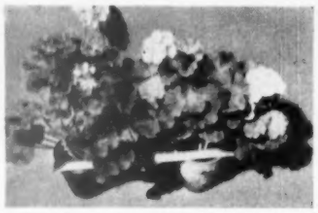
Picture above shows the advantage of using non-leaching FTE. Plant on left is growing in normal fertilizer containing *soluble* trace elements. Plant on right is growing in normal fertilizer containing *slow-soluble* FTE.

New, slow-soluble FTE stays available in soil

FTE is a specially formed mineral containing a balanced proportion of iron, manganese, copper, zinc, boron and molybdenum.

The new *slow-soluble* quality of FTE keeps it in the root area, constantly available to plants throughout the growing season. It does not dissolve out of the soil quickly and leave plants starved as is the case with ordinary soluble salts of trace elements. FTE requires only one economical application. Is also nontoxic, can't harm delicate root hairs.

Extensive research at experimental stations, universities and laboratories of the Ferro Corp. demonstrates the results possible when the vital elements are available in this *slow-soluble* form.



Picture above shows influence of FTE on geraniums. Plants on left were grown in good potting soil. Plants on right are in same soil with FTE added.

HOW NEW FTE IS APPLIED

FTE, now available in 1-pound and 5-pound packages, can be applied separately or mixed with standard fertilizers. It should be worked into the soil in the plant root area. Normal application for flower and vegetable growth is about 1 lb. per 400 sq. ft.

FTE will soon be available also as an additive in commercial fertilizers. Consult your local source of supply. Look for FTE on labels or bags. For the name of your dealer, write to FERRO CORPORATION, Cleveland 5, Ohio. In Canada, write to Ferro Enamels (Canada) Ltd., Oakville, Ontario.

FERRO

F·T·E

(Fritted Trace Elements)

Trademark

Brick garden paving

Begins on preceding page

Brick in mortar paving on this driveway adjoins entrance path at far right, with courses parallel to path. Kenneth Lind, A.I.A., architect

Here's how to lay bricks in mortar—and

1 Where strength and a perfectly even surface are first considerations, decide the size of the space to be paved and lay a concrete slab base for your bricks (for slab construction and mortar mix, see page 222)

2 Before beginning a brick "course," place bricks in handy piles right where you'll need them. Spread mortar for few bricks at a time; even with gentle furrows of trowel tip

Wide front entrance of brick in basket-weave pattern at Glen Barnaby home contrasts nicely with severe lines of unpainted redwood siding

get a smooth, professional job

3 "Butter" brick generously with mortar on one side and end. Make joints uniform — ½ or ⅜ inch is good. Don't try to make end joint by laying brick first, then filling crack

de Gennaro, Robinson

4 Push buttered brick firmly in place, tap with trowel if needed. Chalkline is reference for both level, alignment

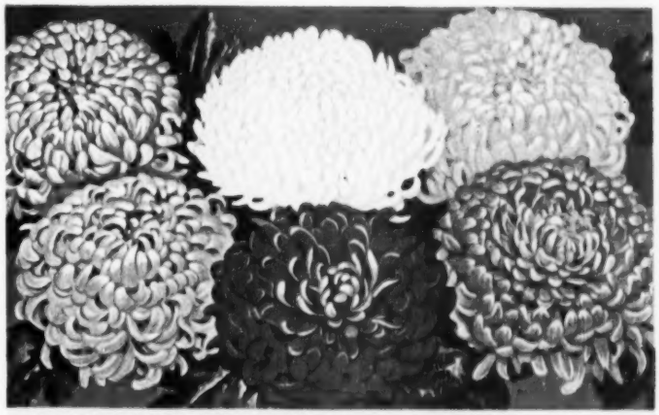
More on page 222

YOUR CHOICE OF THESE TWO SENSATIONAL, LOW COST

Chrysanthemum

COLLECTIONS . . . . . EACH $2 postpaid

(Both collections as pictured $3.75 postpaid)

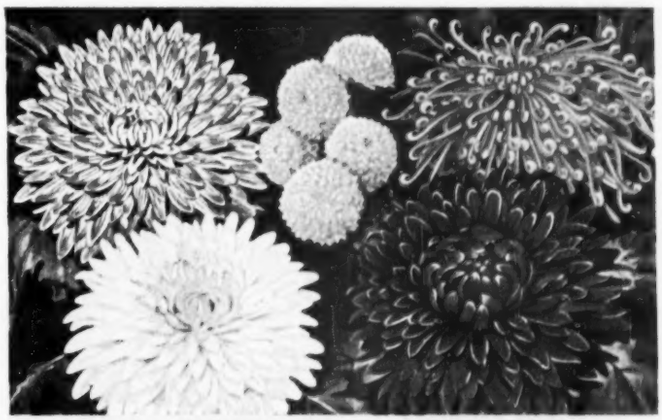


6 GIANT GREENHOUSE MUMS

Thrill to magnificent cup-size mums in your yard this year. Enormous blooms when fertilized and de-budded. Gorgeous colors . . . finest field tested varieties. Large pot grown plants . . . easy to grow outdoors. World's largest flowering mums.

Collection No. 1

H. E. KIDDER . . . *bright yellow*
BLAZING GOLD . . . *a rich gold*
PINK CHIEF . . . *lovely pink*
HILDA BERGEN . . . *red bronze*
DAVID ROY . . . *red-gold bi-color*
SMITH'S WHITE . . . *early beauty*



1953 GET-ACQUAINTED SPECIAL

Five of the most beautiful hardy chrysanthemums ever introduced. Breath-taking colors . . . unusual varieties. Early blooming . . . large size pot grown plants. Guaranteed to bloom this year. A 104th anniversary get-acquainted special.

Collection No. 2

PEPPERMINT STICK . . . *new U.S.D.A.*
GOLD DROPS . . . *exquisite button*
PURPLE QUEEN . . . *superb spider*
MAGNIFICENT . . . *lovely tall red*
WHITE GOLD . . . *flowering giant*

104th YEAR

SPRING HILL
Nurseries
DEPT. B-39
TIPP CITY, OHIO

Send for Spring Hill's 1953 FREE CATALOG

Get your copy of this free 48-page nursery catalog. Beautifully illustrated in natural color . . . scores of money-saving collections . . . low, low prices . . . an outstanding selection of flowers, bulbs, fruit and shade trees, berries . . . everything for the yard and garden. Order today!

Spring Hill Nurseries, Dept. B-39, Tipp City, Ohio

Please send me at correct planting time the items checked below. I enclose correct remittance in cash, check, or money-order. No C.O.D.'s. (Ohio customers add sales tax.) Satisfaction guaranteed.

.....No. 1 Collection at $2 each postpaid
.....No. 2 Collection at $2 each postpaid
.....No. 1 and No. 2 Combined collection at $3.75 postpaid
.....Free Color Catalog (no charge)

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PENNSYLVANIA
Power Mower Users Report

Long Life, Good Service

They also like
PENNSYLVANIA'S
ease of operation

Yes, PENNSYLVANIA power mowers work like new for many, many years. They cut your grass easily and well. They help you grow a beautiful lawn. They require only a minimum of shop service and repairs. That's why reliable dealers recommend them with enthusiasm. Pennsylvania makes two superlative power mowers—the 21" De Luxe and the 18" Exeter.

7 KEY FEATURES

Both offer easy finger tip control of throttle and clutch • Full-tempered, hi-carbon blades • Ease of maintenance • Easy adjustment for height of cut • Triple-A ball bearings • New grass stripper • Briggs & Stratton engine on De Luxe.

Pennsylvania hand mowers have been top quality since 1877. Write to American Chain & Cable, Bridgeport, Conn. for booklet, "How to Grow a Beautiful Lawn."

The diary of a

Plain dirt gardener®

By Harry R. O'Brien

Just plain disaster—that's what we found when we visited Donald and Janet. That 62-mile-an-hour wind blew down one of the trees on their lawn

Feb. 1 There's a great day coming, by and by. That big red sun went down north of the elm tree west of the house tonight.

As I carried feed out to the birds about that time, I saw tips of narcissus peering above ground, right and left of our front door.

Well, I'm on my way toward getting ready for the great day—when I can get out and work the soil, drop the seeds, and whatnot.

I want to get the jump on spring and set an example for Donald and Janet who plan to garden in small space at their new home.

At my basement workbench—cleaner right now than it has been in seven years, mebbe—I've been going over the hand garden tools.

This is cleaning, oiling, and polishing. Now tonight, I worked over the paintbrushes.

Feb. 2 I'll bet our weatherman feels foolish and discouraged.

Yesterday and this morning he went right out on that proverbial limb and said there was no chance of old Mr. Groundhog seeing his shadow today. Would be raining or cloudy and no chance of sun.

Yet, bless my soul, if in late afternoon the wind didn't blow a big hole in those clouds.

The sun peered through. Lit up our whole lawn. Even the cat coming up the back walk saw his shadow. It surprised him.

Just a few minutes it was. Then the wind closed up that hole again and it was dark and dingy. Before long there was a drizzling rain.

I have some of my garden seeds already on hand and am working on lists of others for ordering or buying locally.

Some of my new roses already are ordered and another list sorta made out. This is the month supreme to do this ordering chore.

Put on high-buckle arctics and waded out in the soggy mud with the light lopping shears. Took up the annual pruning of the viburnum hedge near west rose bed.

It is easy work, but tedious. I kept at it as long as light lasted.

Feb. 3 What a wonderful invention the home freezer is. I've been forgetting to mention that recently Maggie has been serving fresh rhubarb and fresh peaches and fresh asparagus right out of our own zero box.

Feb. 5 Scratch, that dog of ours, has just been burying a bone. Where do you suppose? Right out in the middle of the back lawn.

I'll probably have to spade up that spot and reseed. Or snitch a bit of sod from a back path and resod the place.

Feb. 8 Tonight I saw winter come. It was this way. I was home from the office a bit early. As I walked around the south side of the house, the sun was shining.

I saw those tips of narcissus and of the crocus coming up. Thermometer stood at 58. Spring is here. I went to work again on the hedge with the lopping shears.

Soon a stiff breeze arose. It blew clouds over the sun. Next thing was a gale. Clouds grew darker.

My nose and ears began to tingle. In the end, I had to quit because the tears came and I couldn't see.

I pruned about 12 feet of that hedge. I looked at the thermometer. It had dropped six degrees—one for every 2 feet I had pruned.

Well sir, that wind grew to 62 miles an hour. Somewhere it blew down electric wires. Our electricity went off. So Maggie and I went to town for supper.

On our way home, we stopped to visit Donald and Janet.

The wind had blown down one of the trees on their lawn mebbe four inches in diameter. This is plain disaster to young folks who have just been in their own home a few weeks.

This was some kind of soft-wooded tree—I'm not sure which one. But it was wrong for a small lot.

Folks are often tempted to set out fast-growing but soft-wooded trees. Then when the winds blow, these are the first to be damaged.

In our part of the country, the poplars, lindens, and Chinese elms should not be set out. A nurseryman's advice should be sought as to the better kinds.

Feb. 9 My mums have not as yet been mulched over. I took a peek and they still look in good shape. But the danger period is from now on, through March.

So today's work was to do this mulching. My favorite method is to cut off the tops and, leaving them as a frame, throw some straw over. Or use excelsior.

The danger time with iris, too, is in late winter, when days of alternate thawing and freezing are likely to heave them up if they are planted in heavy soil.

Feb. 12 Finished pruning the viburnum hedge tonight and tackled the old, big Japanese barberry hedge between rear lawn and garden.

This was badly damaged by heavy snow last winter. There is a lot of deadwood in it.

On advice from a landscape nurseryman, I'm going to cut the whole hedge clear down to about six inches above ground. It will rapidly grow up again. It will take several evenings of work.

Feb. 13 I took home a valentine to Maggie ahead of time. On my way home, I stopped at the seed store, looked at prospects.

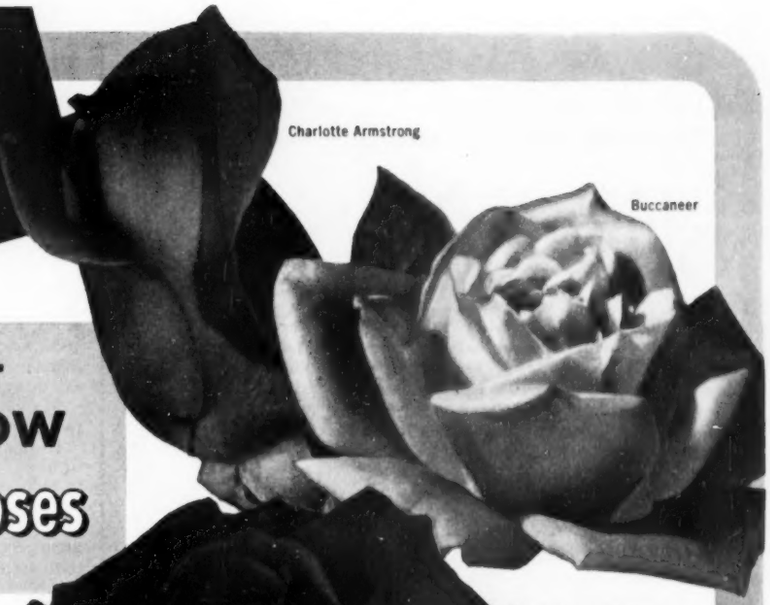
[*Turn to page 208*

We had a terrific snowstorm, so I had to put bulldozer blade on our tractor and get busy making paths

It's the bush that makes the bloom...

Order the best you can plant—NOW

Armstrong-grown Roses



They're big, fresh, plump plants with more roots and heavier canes—roses eager to start filling your garden with fragrance and color.

GUARANTEED TO GROW AND BLOOM IN YOUR GARDEN. From all over the country, people tell us, "Your bushes started faster and bloomed better than any others in my garden."

Be sure you plant these prize-winning varieties

the top awards they've won in national and international competitive trials, prove they're better.

Armstrong's TOP 3 FOR '53 Collection...

Chrysler 1953 ALL-AMERICA WINNER

A red red rose which has two famous Armstrong originations, Charlotte Armstrong and Mirandy, for parents. Sparkling color, fine form, fragrance and unusual vigor. $3.00 ea.; 3 or more, $2.65 ea.

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Perfect buds and huge, fragrant blooms in a unique blend of warm pink and luminous apricot. A big, easy-to-grow plant with lots of good looking foliage. $2.75 ea.; 3 or more, $2.40 ea.

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International award winner (Geneva, Paris, Rome). The brightest, lastingest yellow you've ever seen in a rose. New Armstrong rose for '53. Grows big and tall everywhere. $2.75 ea.; 3 or more, $2.40 ea.

ALL 3 ROSES **$7.45** Postpaid You Save $1.05

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Charlotte Armstrong ALL-TIME ALL-AMERICA

Our finest rose. Long, slender, cerise red buds and magnificent open flowers have made it a favorite from Maine to California. $2.00 ea.; 3 or more, $1.75 ea.

Chrysler 1953 ALL-AMERICA

The new vivid crimson rose (described above). It is the latest and finest. Everyone will want it. $3.00 ea.; 3 or more, $2.65 ea.

ALL 3 ROSES **$6.40** Postpaid You Save 85¢

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Describes the world's finest roses, with photos in natural color. Many money-saving special offers.

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403 North Lemon Avenue, Ontario, California

Please send, postpaid, at correct planting time for my area, the roses I have indicated. I enclose check or money order (no c.o.d., please; Calif. orders add 3% sales tax).

- ☐ Chrysler @ $3.00 ea.; 3 or more, $2.65 ea.
- ☐ Helen Traubel @ $2.75 ea.; 3 or more, $2.40 ea.
- ☐ Buccaneer @ $2.75 ea.; 3 or more, $2.40 ea.
- ☐ Sutter's Gold @ $2.25 ea.; 3 or more, $2.00 ea.
- ☐ Charlotte Armstrong @ $2.00 ea.; 3 or more, $1.75 ea.
- ☐ "Top 3 for '53" Collection (1 each Chrysler, Helen Traubel, Buccanneer) @ $7.45
- ☐ "Best in Show" Collection (1 each Sutter's Gold, Charlotte Armstrong, Chrysler) @ $6.40
- ☐ Please send your 1953 Rose Catalog

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Time to change "problem" soil to

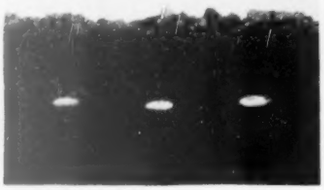
Friendly Soil

If you have "problem" soil in your garden—soil that packs, cakes and cracks—change it to "friendly" soil. Treat it with Krilium soil conditioner—you'll get the same difference in soil structure as you see in the actual "facts-of-life" pictures shown on this page.

Make plans now to have a better garden in 1953! Put Krilium at the top of your gardening shopping list—buy it before you buy your seeds—treat all your garden plots—give seeds the benefit of "friendly" soil—a real chance to germinate freely, form strong, healthy roots, emerge more plentifully... Krilium is easy to apply. Its action on soil structure is immediate. Its effect is lasting. It saves you hours of backbreaking work for years to come.

How "problem" soil is changed to "friendly" soil

Untreated "problem" soil



Krilium-treated "problem" soil

Same untreated soil, 24 hours after watering

Same Krilium-treated soil, 24 hours after watering

Soil in each of these pictures is exactly the same . . . broken up to exactly the same degree . . . exactly the same amount of water applied to each at the same time.

Note how the untreated soil contracts, packs, and cakes. (No wonder gardeners don't have much "luck" in soil like this.) Note, also, how Krilium-treated soil maintains its loose, porous, crumbly structure—far more favorable to germination, root formation and emergence of a greater number of healthier seedlings.

Get Krilium from your dealer's in 1-lb. and 5-lb. garden-formulation packages; in 10-lb., 25-lb. and 50-lb. full-strength-formula packages for treating larger areas.

Monsanto Chemical Company, Merchandising Division, 1700 South Second Street, St. Louis 4, Mo. In Canada, Monsanto Canada Limited, Montreal, Toronto, Vancouver.

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Krilium
SOIL CONDITIONER
Helps Germination, Root Growth, Emergence
Maintains Loose, Porous, Crumbly Soil
A Product of Monsanto Chemical Company

MONSANTO
Serving Industry... Which Serves Mankind

The diary of a plain dirt gardener

Begins on page 206

I had bulbs and tubers in mind—tuberous begonias, gloxinias, and things to plant indoors now.

I spied some amaryllis bulbs. Big, thrifty ones. I was all set to buy a low-priced one. But Miss Ruth, behind the counter, is a good saleslady. What I did was take home one of the newer, more expensive hybrids from Holland.

Maggie seemed to be downright pleased with it.

I went out and found some sand to mix in with some topsoil I had in the basement, and got a pot of the right size from our toolshed.

The trick in potting up an amaryllis bulb is to have a pot that seems too small for it, not much bigger than the bulb. Then set the bulb so that half or even two-thirds of it is above the soil.

After I watered it, I set the pot on the basement floor. After it begins to grow well, we'll move it up to sunlight.

Feb. 11 Terrible snowstorm. No David home to make paths, so I put the bulldozer blade on our tractor and made them myself.

Feb. 15 When Maggie and I came home from a movie after 11 tonight, there were big drops of melted snow on the stairway steps.

"Why, Donald and Janet have been here," says I. They had come for another load of his things.

Feb. 17 Disaster in the kitchen. Maggie's Sunday cake collapsed. Donald and Janet came for a late dinner, with fried chicken and whatnot. Maggie baked one of her special fancy cakes and loaded it so heavily with icing, it split right down the middle. My, it tasted good, though.

Feb. 19 You should just see Maggie's new hybrid amaryllis by now. The bud stalks are shooting up. Grow an inch a day. Maggie has it on the dining-room table.

Daily she puts it on the tea wagon and wheels it to the south window for sunlight.

Feb. 22 Put in a spell of further whacking as pruning work progresses. Keep at barberry hedge by spells. I'm doing a lot of work on our Baldwin apple tree on the rear lawn. Trimmed up the Regel privet bushes.

All useful and healthy preseason exercise around the premises. And tulips are coming up. And I forgot to report the first blisters of the season on my hands.

Feb. 28 Bloom on Maggie's amaryllis shows color. It's beginning to open.

It was 60 today, summer, and so did haul barrow loads of brush from my recent pruning work to a bare spot out back. These I burned.

Night came, I was tired out. If only it were Leap Year, I'd have another day to burn the rest of that brush before March arrives.

Work Less—Grow More!
Merry Tiller

- Handy rotary tiller and tractor.
- Tills and mulches up to 10" deep in every kind of soil.
- Weeds up close to plants.
- Tines are fully guaranteed.

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Also Pats. Pend.

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Porter Pruners are designed to cut better and easier and to last longer.

DuraCut (anvil type) pruner cuts fast with thick cutting blade that can't pass anvil on diagonal cuts.

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Both *DuraCut* and *DuraShear* Pruners have Plastisol comfort grips that won't crack, peel or discolor — they feel good in your hands — never slip or blister hands — positive thumb lock for safety when not in use.

For pruning shrubs, bushes, vines, etc., Porter Pruners are unequaled.

See Porter Pruners at your Dealers or Write for Circular.

H. K. PORTER, INC., Somerville 43, Mass.

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Lowest price offered. Tuberous type, double blossoms, mixed colors. Easily grown in pots or beds. **Top size bulbs.** Supply limited. **Order today, postpaid.** Or C.O.D. for $1.00 or more plus charges.
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R. H. SHUMWAY Seedsman, Box 324, Rockford, ILL.

FREE BERRY CATALOG in COLOR
STRAWBERRIES
BOYSENBERRIES
BLUEBERRIES
RASPBERRIES
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20 EVERGREENS
3 favorite varieties. 10 American Arbor Vitae, 5 Norway Spruce, 5 Colorado Blue Spruce. 2-yr. plants, 5-6 inches. **All 20 for only $1.00 postpaid.** Order them now. Catalog FREE.
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FEBRUARY SPECIAL
75 Big Gladiolus Bulbs $1.50
75 Big one inch diameter gladiolus bulbs in 10 Glorious colors including famous General Eisenhower variety. All for $1.50 postpaid. Big free colored catalog—fruits, Strawberries, Ornamentals.
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AMAZING MULTIFLORA ROSE AS LOW AS
LIVING FENCES 5¢ Per Ft.
Beautify your home with dense rose hedges. At low cost—as little as 5c a foot. Write today for FREE Catalog.
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CONDON'S GIANT EVERBEARING TOMATO
Queen of the Market—Big Money Maker, Large Solid Red Fruit, Excellent Canner. Almost Seedless. To introduce our Superior Seeds, Plants, Bulbs, Roses, Perennials and Berries, we will send 125 Seeds of Condon's Giant Everbearing Tomato & Big Colored Catalog. FREE
Send 3¢ stamp for postage.
CONDON BROS. SEEDSMEN Dept. 46 Rockford, ILL.

Easy does it

AROUND THE YARD

Save yourself work, dollars, and time—increase beauty in your garden—with these practical ideas

Pot cleaner. You needn't allow to remain permanently the unsightly crust of lime and salts left on the outsides of clay flowerpots by evaporating water.

Brighten up your dull pots again with steel-wool cleaning pads. These will do the job quickly.

Glenn Riggs
Springfield, Illinois

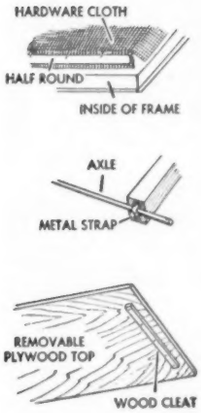
Photographs: Stanley

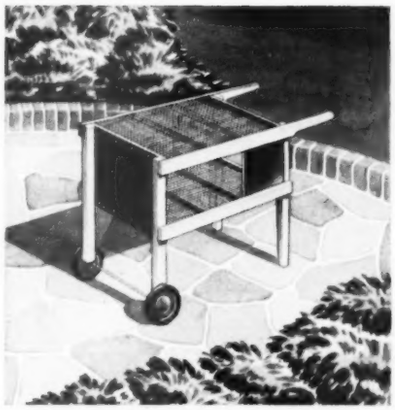
Chill foiler. Most house plants on a window ledge are easily stunted by air that cools near the glass on a cold night, passes over plants as it descends.

Protect your plants by placing a row of cardboards—like these from laundered shirts—next to the window. Be sure the cardboard is taller than the tops of your plants.

Put cardboard up at dusk, leave up until the sun is warm next day.

Mrs. Grant Hardy
Hinckley, Utah





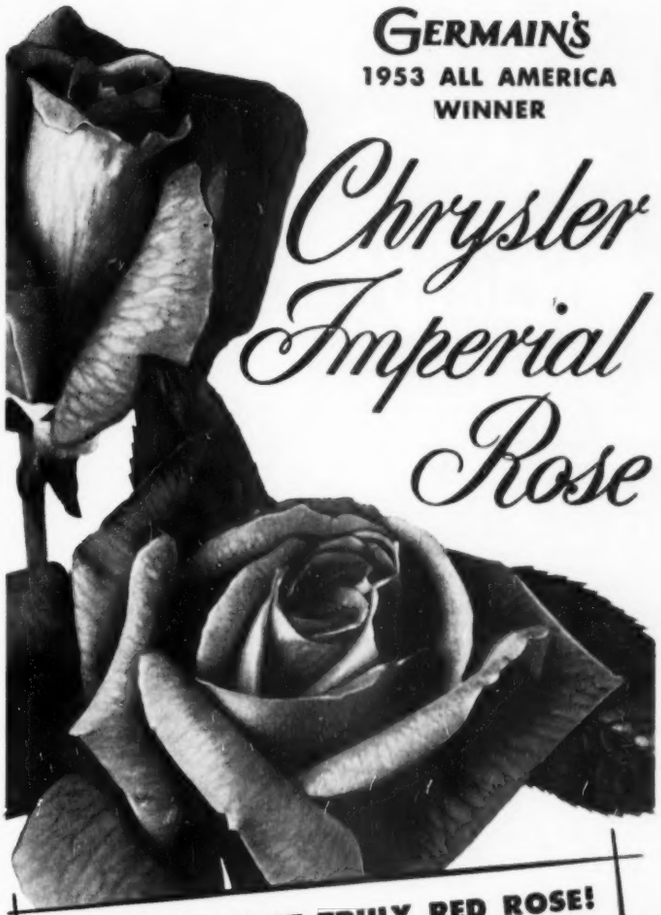
Garden table-cart. Make this handy cart now—use it for repotting, washing vegetables, sunning seed flats, or other ways. Make it 36 inches high, a good working height. You might salvage wheels from an old toy. Use plywood top for extra-heavy pots, or for picnic service

George Troidl
Oakland, California

We will pay $10 for each idea accepted. Unusable ideas cannot be returned. Send to: Garden Editor, Better Homes & Gardens, Des Moines 3, Iowa.

GERMAIN'S
1953 ALL AMERICA WINNER

Chrysler Imperial Rose



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You'll agree Chrysler Imperial is by far the finest red rose you have ever grown. Just imagine long tapering buds of vivid rich crimson slowly opening to spectacular, huge blooms of gorgeous glowing chrysanthemum-red roses that literally take your breath away.

For the most beautiful roses and the most strikingly dramatic, long-lasting bouquets you've ever seen, you simply must have Chrysler Imperial Rose in your garden! Place it now at the top of your "most wanted" rose list.

☐ Each, $3 ☐ 3 for $7.95

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ALL AMERICA COLLECTION

Includes all 4 Germain's world-renowned All-America Winners. 1 each of Chrysler Imperial Rose, Mission Bells, Capistrano and San Fernando.

COLLECTION OF ALL 4 ☐ A $9.25 Value for only $8.25

MISSION BELLS ☐ Each $2.25 ☐ 3 for $6.00 — Tapering, fiery salmon buds expand to brilliant salmon pink blooms with beautiful golden sheen in heart and at reverse of petals.

CAPISTRANO ☐ Each $2.25 ☐ 3 for $6.00 — Bright cherry-red buds open to immense, sparkling rose-pink blooms, borne on the longest stems you've ever seen.

SAN FERNANDO ☐ Each $1.75 ☐ 3 for $4.65 — A magnificent currant red rose with flowers of velvety texture. San Fernando's lovely fragrance will fill your entire garden.

Free **America's Most Beautiful & Complete ROSE BOOK and GARDEN CATALOG**

See the newest, finest roses in full color as well as all your old-time favorites. Also FLOWER SEEDS, BULBS, PERENNIAL PLANTS—in fact everything for the home garden is now available in one big garden book — GERMAINS 1953 ROSE BOOK & GARDEN CATALOG. Check coupon below for your FREE copy. Every section is replete with Germain's 82nd Anniversary Special Offers!

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ROSE DIVISION

Chrysler Imperial, Mission Bells, Capistrano and San Fernando Roses Are Offered By ALL LEADING ROSE DEALERS

USE THIS AD TO ORDER ☑ CHECK ITEMS WANTED
GERMAIN'S, Dept BH-2, Los Angeles 21, Calif.
Enclosed is $____. Send offers checked ☑ above.
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ADDRESS_____
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Waterlilies

No Garden is Complete Without a Water Lily Pool

The water lily pool is rightly called the "Gem of the Garden". Without its colorful beauty, exquisite fragrance and fascinating interest, no garden can achieve its fullest charm and beauty.

There may never again be a time when you can add a water garden at such a small cost. The new 1953 catalog of Three Springs Fisheries, largest growers of water lilies and goldfish in the world, contains every need for your water garden.

Our catalog describes and pictures, in natural colors, hardy and oriental water lilies; all types of water plants and ornamental fishes; tells how to build a pool, plant a tub garden, and gives cultural directions.

FREE! Colorful New Catalog

Simply write to our nearest office and a copy will be sent to you FREE

EVERYTHING FOR THE WATER GARDEN

Water lilies of all descriptions

All varieties of interesting water plants

A complete assortment of ornamental fishes

THREE SPRINGS FISHERIES

Box 971, Dept. 623, Worcester, Mass.
623 Main Road, Lilypons, Maryland
Box 508, Dept. 623, Salisbury, N. C.

YOU, TOO, CAN GROW PRIZEWINNING AFRICAN VIOLETS

How Mrs. Hotchkiss won 9 national awards

"For larger, more abundant blossoms on your African violets I recommend PLANT MARVEL," says Mrs. Lawrence Hotchkiss.* This housewife became champion at the National African Violet Convention (see photo) with plants raised on Plant Marvel. "It gives my plants the 'oomph' for giant blossoms year round," she says.

Plant Marvel dissolves quickly in water. Pour on—that's all. It soaks deep to supply *all* roots with all scientifically balanced plant food elements needed for sturdier growth, luxuriant foliage, masses of gorgeous blossoms. Wonderful for roses and all indoor or outdoor plants. Used by leading universities.

**110 High Point Road, Peoria, Ill.*

PROVE IT AT OUR EXPENSE

Send $1.25 for large can (makes 250 gal.). Also get FREE trial packet. Immediate results must delight you or your money back.

FREE: *Request African violet folder and full story on Mrs. Hotchkiss.*

PLANT MARVEL

"Feed as you water"

Dept. BH-A, 622 W. 119th St., Chicago 28

Gloxinia

STARTED BULBS

3 FOR $1.98 POSTPAID

Grow Gloxinias easily with our started bulbs. Strong, large bulbs — NOT SEEDLINGS — started in our greenhouses and guaranteed to reach you in live growing condition. Six colors: pink, red, violet, white, red edged white, violet edged white.

FREE Illustrated Seed and Nursery Catalog.

— JOHN A. SALZER SEED CO. —
Since 1868
123 South 7th Street · La Crosse, Wis.

10 FOR $1.00 BLUE SPRUCE

10 Colorado Blue Spruce, 4 yr. transplanted, 3 to 6 in. tall — only $1 postpaid; 22 for $2 postpaid! Another Bargain: 25 Evergreens, $3 postpaid; all transplanted, 4 to 10 in. tall. Five each: 4-yr. old American Arborvitae, Red Pine, White Spruce; 5-yr. old Balsam Fir, Mugho Pine, all 25 for $3. (West of Miss. River add 25c). Free illustrated price list of small evergreen trees. ALL TREES GUARANTEED TO LIVE.

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It's the FABULOUS 20th CENTURY STRAWBERRY

Luscious berries in 60 days, bears till heavy frost. Proved the best by years of test. Complete Line Northern Grown Nursery stock.

FREE COLOR CATALOG
WESTHAUSER NURSERIES, Box B42, Sawyer, Mich.

DWARF FRUIT TREES

FOR COMPACT AREA & EARLY YIELD

Also full line of Fruit Trees, Plants, Shrubs, Evergreens, Perennials. Write today for FREE CATALOG.

WHITTEN NURSERIES, Box 30, Bridgman, Mich.

Look for the March issue

Because you want to be proud of your home, because you like your family to be proud of you, you'll want to read *Better Homes & Gardens* every single month. Just take a quick look at what's coming.

- The March Five Star home is one you won't want to miss. It shows you smart ways to squeeze the most from your building dollar. It tells you where to gain space, where to give it up, how to pare costs, increase comfort.
- Soon, it'll be time to think of planting a lawn around your house. So in the March issue of *Better Homes & Gardens* you'll find many tips on the best way to grow a beautiful crop of grass.
- You'll take a hungry look at our color pictures of golden-brown egg-and-cheese dishes. They're thrifty and easy to make. They are sure to perk up the wintertired family appetites.

There's lots more in the *Better Homes & Gardens* March issue. So be one of the first to pick one up from your newsstand late this month. If you're a subscriber, of course, you can sit back a: l let *Better Homes & Gardens* come to you!

Where to get it

You may often want to know where to buy a particular piece of merchandise that you see mentioned in the editorial articles of *Better Homes & Gardens*.

Of course, we can't list—on every editorial page, for each item shown there—such things as the manufacturer's complete address, his latest price list, nor his instructions and charges for mailing or for freight or express.

But we do have a Subscriber's Information Bureau whose job it is to tell you what you want to know about such things. They'll be happy to help you—without charge—if you'll just drop them a card or a letter. At any time, about any item, in any issue.

Some things pictured are the individual possessions of homeowners and may have been bought or made years ago. Duplicates may not be available.

When you write, be sure you describe the item or items carefully, giving the page number and the issue in which you saw the merchandise. Please address

THE SUBSCRIBER'S
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GARDENS
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Practical Soundly Engineered Compact

A well balanced, versatile line of Tractors for Gardens, Small Farms, Suburban and Country Homes. They plow, harrow, seed and cultivate—mow hay, weeds, brush and lawns — also haul, grade, plow snow, saw wood and handle many types of power take-off machines and tools.

All models well balanced—amazingly simple and easy to handle. Ride or Walk.

Quick change, strongly built hitches for all attachments.

Think what a saving to you in time and cost. Turns arduous tasks to pleasant recreation.

A must for you these days.

WIDE RANGE OF ATTACHMENTS

Free Catalog

EASY TERMS (NO RED TAPE)

Write Today

AMERICAN FARM MACHINE CO.
1135 33rd Ave. S. E. Minneapolis, Minnesota
ESTABLISHED 1924

TOM THUMB FLATS with Vita-Plant Bands

Grow plants with ease. Nourish new plants, prevent root shock when transplanting. Gain 1-3 weeks' growing time. Flat and 12 bands, 30¢; 5 for $1.00; 10 for $1.75, postpaid.

SNAPDRAGON COLLECTION

Beautiful tall spikes of rust-resistant snapdragons. One full-size pkt. of each of following colors: rose, white, pink, crimson, yellow, cherry. All 6 pkts. postpaid - - - - - **25¢**

Send Today for
FREE SEED CATALOG
featuring many new flowers such as
Royal Carpet Alyssum - - - 25c Pkt. (2 packets 45c)
Golden Fleece Cockscomb - 15c Pkt. (2 packets 25c)
Peppermint Stick Zinnia - - 15c Pkt. (2 packets 25c)

L. L. OLDS SEED CO.
DEPT. 2 MADISON 1, WIS.

PEPPERMINT STICK ZINNIA

Outstanding New Beauty

Gorgeous striped flowers of red, white, yellow, pink, orange and purple, all in one bloom. Cut and they'll come again from early summer to frost. Supply limited. Send 10 in coin for large 25c Packet and Colored Catalog **FREE**

CONDON BROS. SEEDSMEN
Dept. 41 Rockford, Illinois

Everblooming ROSES

FEATURED IN 1953 FREE CATALOG

Best varieties of Bush, Patent and climbing Roses. Low prices. **FREE** catalog. Bargains in Shrubs, Trees, Fruits, Nuts. Write today.

ZILKE NURSERIES, Box 315, Baroda, Michigan

RARE CACTI

12 PLANTS POSTPAID $2.25

The perfect Desk Garden. Beautiful 1953 cactus catalog in full color. Hundreds pictured and described. Simple cultural directions. A handbook of cactus lore. 10c appreciated for postage. Exotic plants for everyone from the worlds largest collection. P.O. Box B-10

JOHNSON CACTUS GARDENS . . . PARAMOUNT, CALIF.

LEARN LANDSCAPING

Men — Women! Profitable career — absorbing hobby. Thorough, easy-to-follow home-study course takes 8-12 months spare time. Successful graduates throughout the world. 37th year. Catalog.

American Landscape School, 6896 Grand Ave., Des Moines, Iowa

GIANT SHAGGY ASTERS

RED ★ WHITE ★ BLUE ★

3-15c PACKETS ONLY 10c, 45c Value Red, White and Blue. Gorgeous 5 in. Blooms. 2½ inches thick on stately stems. Send 10c for these lovely asters. Will include my Big Seed Plant & Nursery Catalog. **FREE**

R.H.SHUMWAY Seedsman, Dept. 323, Rockford, ILL.

Here's how roses grow!

Begins on page 60

Between 20 and 25 million rosebushes are grown in the United States each year for sale. Sizes of fields vary from a few acres to great stretches like this. Each field is prepared and understock plants grown for one year before being budded as described and pictured on page 60

By cultivation, rose plants are kept growing vigorously. Protective dusts are applied when needed by great machines which ride above the waist-high plants. In North, Pacific Northwest, and Texas, growers depend on rains and dust mulches. California growers irrigate fields

End of season brings rush of work. Rose foliage does not drop soon enough, causes trouble in storage. Texas and Northern growers use minute doses of special gas to defoliate plants. California growers import sheep which follow rows, bite rose leaves off, don't touch stems

More on next page

Scores of chores

with the multi-purpose

CHOREMASTER

ONE-WHEEL

GARDEN TRACTOR

Quickly changes to power or sickle mower

35 low-cost attachments

The CHOREMASTER takes the work out of lawn and garden chores year 'round. Anyone in the family can operate this compact, powerful tractor. Don't buy several costly single-purpose units..CHOREMASTER quickly becomes a power mower, cultivator, snowplow or sickle bar. Save on investment, repairs, storage. Just add low-cost attachment as needed.

1½ to 3 H.P. Low as $154.75, Freight Extra

Write TODAY for dealer name and literature.

CHOREMASTER DIVISION
WEBER ENGINEERED PRODUCTS, Inc.
818-2 Evans St., Cincinnati 4, Ohio

How does *your* garden grow? For roses redder, violets bluer, for glads worth shouting about, *spray* and *dust*. It's fun, and quick as a wink with Root-Lowell — a Sprayer and Duster for any need. See your Root-Lowell dealer today.

ROOT LOWELL
Root-Lowell Corporation
448 N. Lake Shore Drive
Chicago, Illinois

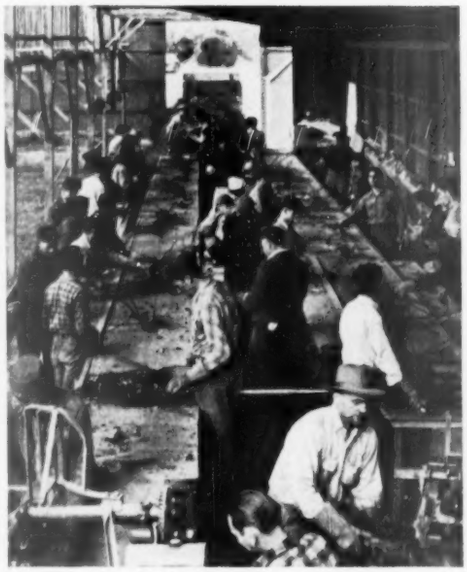
Here's how roses grow!

Continued from preceding page

Field digging is almost completely mechanized — broad U-shape bar cuts roots. This machine of a large grower digs two rows at a time, lifts plants, leaves roots in loose soil.

However roses are dug, reputable growers aim to shade and cover roots as soon as removed from soil.

Damage starts if roots are exposed to drying more than 30 minutes. Water sprays are applied and some growers even dig at night to avoid damage when temperatures are high.



Plants are unloaded in covered grading and packing room. Desirable plants grade 1 (the best), 1½, and 2. Those grading poorer than 2's are culls. Roots are wrapped, plants labeled and tied in bunches of 3 or 10

Proper humidity and refrigerated storage are necessary for all bushes planted in the spring. Here's how, in one of the most modern storage houses, bundles with roots done up in wet moss are stored until it's planting time

When your dealer gets your order, the varieties you ask for are quickly brought to experienced wrappers in the retail order-filling department.

Wet packing goes around the roots, labels are checked, tops tied.

The packages or boxes will be marked "Live Plants — Rush — Keep From Heat." Inside three to five days, your roses should reach you with unsplit crotches and plump buds and bark. Expose tops to air, keep roots wrapped till you plant.

See "How to plant your roses," page 34

SENSATIONAL!! NEW SEEDLESS GRAPE!

INTERLAKEN

$1.75 EACH

2 for $3.25

POSTPAID

The finest grape you ever tasted. Amber colored berries are crisp, solid, sweet. Refreshing, tangy flavor. Delightful aroma, ABSOLUTELY SEEDLESS. You can eat them whole. Hardy, vigorous, disease free. Ripens by August 15th.

BIG ALL COLOR CATALOG FREE

KELLY BROTHERS NURSERIES, INC.

321 Maple St., Dansville, N. Y.

Clouds of FLAME-RED BLOSSOMS

Almey FLOWERING CRAB

BREATHTAKING BEAUTY in early spring! Loads of fiery-crimson, dollar-size blooms. Most colorful trees in all America. Hardy.

NEW MINNESOTA GLADS SUB-ZERO ROSES

CHOICE NEW GLADS—Spic & Span, Sweet Sixteen, Pactolus and many others.

NEW "ORANGE RUFFLES" SUB-ZERO ROSE — Giant ruffled blooms of brilliant spectrum orange. Fragrant. Hardy.

Write for FREE Catalog!

FARMER SEED & NURSERY

22 E 4th, Faribault, Minnesota

EVERGREENS FOR the SHADE

Yews, Hemlocks and Junipers especially adapted to shaded locations. Also Heavy Rooted, 6 Year Old Transplants at WHOLESALE PRICES.

IT'S FREE for '53

"GLORIES of the GARDEN" America's Helpful Garden Book

This helpful book describes them all, also a complete line of Roses, Shrubs, Perennials, Shade Trees and Fruits. Write for your FREE copy today.

The KRIDER Nurseries,

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Crimson King MAPLE

The Most Beautiful Tree You've Ever Seen.

Quality Guaranteed. Low prices. Also fruits, shrubs, roses, perennials. Send for FREE Color Catalog today.

EMLONG'S, Box 331, Stevensville, Michigan

Gloxinia 2 BULBS 25¢

Beautiful Pot Plants

Gorgeous, easy to grow house plants, 3" to 4" flowers, last for months. Exquisite mixed colors. Send only 25¢ for 2; 50¢ for 4; $1 for 8. Order now.

Postpaid with big Seed and Nursery Book FREE

R. H. SHUMWAY Seedsman, Dept. 317, Rockford, Ill.

SUB-ZERO ROSES EASY TO GROW

Withstand Coldest Climate. Beautiful Hardy Roses THAT LIVE LONGER. Write Today for Big 1953 FREE Catalog, includes FRUITS, TREES, PLANTS and SHRUBS.

WHITTEN NURSERIES, Box 29, Bridgman, Mich.

Silver patterns of today

Begins on page 123

Imaginative designing. Left to right: Romance of the Sea, Royal Danish, and Sovereign patterns.

Romance of the Sea combines symbols of the waves, ocean spray, seashells, and mermaids. This silver pattern has three-dimensional beauty; the exquisite sculptured design can be seen from the side and back views as well as from the front.

Royal Danish is a blending of decorative motifs from the Old and New World. The pineapple design at the top is a symbol of hospitality often used in early American Colonial furnishings. The other motifs—the acorn, formed by the openwork, and the Greek lyre—were in popular use for Eighteenth Century furnishings. The simple shaft was inspired by Greek art.

Sovereign pattern has the form of a royal scepter, an ancient emblem of authority. The tip is crowned with a pine cone, which is a symbol of plenty. This silver pattern complements Traditional or Eighteenth Century settings.

Excitingly new. Left to right: Wadefield, South Wind, and Silver Wheat.

Wadefield is an aristocratically plain silver pattern. It was inspired by an old silver spoon found in the Wadefield estate in Virginia. The plain surface is suited to monograms and crests.

South Wind is a superb pattern with a leaf motif. All lines of the design express movement. Silver Wheat combines graceful wheat carvings and gently flowing lines.

To all lovers of BEAUTIFUL HOUSE PLANTS

...something thrillingly NEW!

An Unretouched Actual Color Photograph

FLAME VIOLET (Episcia Coccinea) is truly the "most beautiful house plant in all the world". Grows and looks like an African Violet. In fact, it's a close cousin of the African Violets and by long odds the brightest member of the family!

FLAME VIOLET probably has the most gorgeous leaves of any known house plant. They are broad, very thick and plush-like. And every leaf is deep bronze with veining of emerald green.

NOW! Be one of the first to own the gorgeous, NEW SCARLET FLAME VIOLET

Exciting, Vivid Colors--*Easy to Grow, Too!*

Actual Size . . .

Each delicately fringed petal is a brilliant scarlet . . . a FLAMING RED. These exquisite flowers make a striking contrast to the rich bronze and green foliage.

"More beautiful than African Violet"—that's the only way we can describe FLAME VIOLET. It's new—a *different* house plant whose *bright bold* colors will add a touch of beauty to any room in your home.

The flowers are a brilliant scarlet—a true *flaming red!* In vivid contrast are the rich bronze leaves with their veins of emerald green. And every leaf is broad, very thick and looks like soft, plush velvet.

So beautiful is Flame Violet that even without its flaming red flowers it's a house plant you'll cherish and admire! Your friends will love it, too!

Flame Violet is easy to grow. Just give it the same care you give African Violets. Wants plenty of warmth and light but no direct sunshine.

Every Gurney Flame Violet is shipped fresh and vigorous out of 2¼" pots . . . direct-by-mail from our producing greenhouses as weather permits. *You cannot buy Flame Violet from local dealers!* Use the handy coupon below *today!* Satisfaction guaranteed or your money cheerfully refunded.

SPECIAL OFFER

Money Back Guarantee

We consider Flame Violet a real discovery and are happy to offer it to you. Clip and mail the Handy Order coupon, today! If you don't agree that Flame Violet is everything we say it is—return the plant and we'll refund your money, immediately.

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GURNEY Seed & Nursery Co.

431 Page Street, Yankton, So. Dakota

Please send me, postpaid, with cultural instructions, the offer I've checked—*guaranteed!* I'm enclosing ☐ check, ☐ money order. Also send a free Gurney 1953 Catalog.

No. 2N291M ☐ 1 Flame Violet, $1.98 ☐ 3 Flame Violets, $5.40

Name_____

St. or Rt._____

P. O._____ State_____

Gravely Solves Upkeep Problems

Without Drudgery!

21 TOOLS Save Time and Work

Powerful!

Enjoy Your Home!

Now . . . more time to *enjoy* your home! With the powerful 5-hp Gravely Tractor, metal muscles do 21 lawn, garden and field jobs better, faster, *with less work!*

All-gear drive, power reverse. Economical to own, the Gravely Tractor is a lifetime investment in a more beautiful setting for your home!

Twenty-one tools for one Gravely Tractor mean a choice to fit your particular needs. Remember, only the Gravely does so many jobs so well—*and so easily!*

"Power vs Drudgery" tells how to put POWER to work for you. Write for it today!

Free Booklet—Write Today!

GRAVELY Box 211, Dunbar, W. Va.

It's FREE FOR '53

"GLORIES of the GARDEN"
AMERICA'S HELPFUL GARDEN BOOK

OFFERS YOU **Rare** and UNUSUAL TREES FOR *Beautiful* LAWNS

- MORAINE LOCUST
- PURPLE BEECH
- JAP. BLOOD LEAF MAPLE
- GOLDEN CHAIN TREE
- "CRIMSON KING" MAPLE
- OREGON GRAPE HOLLY
- HARDY MAGNOLIAS

ALSO Luxuriant Colorful BROADLEAF EVERGREENS NEW HARDY HYBRIDS

- RHODODENDRONS
- HARDY AZALEAS

New spring issue of "Glories of the Garden", just out, shows all of the above in natural colors, plus the best and newest in ROSES, SHRUBS, EVERGREENS, PERENNIALS, BULBS and FRUITS. Write today for your FREE copy.

"GLORIES of the GARDEN" *Free*

KRIDER NURSERIES
Box 81 Middlebury, Ind.

CACTUS PLANTS

FROM SEED
ALL KINDS AND FORMS

Curious, odd-looking, strange species of plants; thrive anywhere with little care. Flowers of exquisite beauty and fragrance. Send 10c in coin for 50 Seeds and Big Seed Plant and Nursery Catalog. **FREE**

CONDON BROS. SEEDSMEN Dept. 45 Rockford, ILL.

Newest Items for '53

FOR YOUR HOME AND GARDEN

BOUQUET OF LOVELINESS The new Col. Bell "Spring Glory"; Red Leaved Jap. Maples; Pink Korean Snowball and many others.

GORGEOUS ALMEY CRAB A mass of red loveliness in springtime. "Prunus Cistena," new Red Flowering Plum.

HARDY NUT TREES Chinese Chestnuts, Pecans, Filberts, Hicans, etc., all suitable for northern planting right in your lawn.

STRAWBERRIES FOR EVERY GARDEN Delicious new "Red Rich", tops in size and flavor for freezing.

Send for Free Catalog today.

W. N. SCARFF'S Sons
Box 2, New Carlisle, Ohio

SCARFF'S Collectors Guide

AMAZING **Burpeeana Early ASTERS** 10¢

They grow even where others failed for years!

ENTIRELY NEW STYLE

EXTRA EARLY, EASY TO GROW

A new sensation with so much vigor the tall, erect plants bloom weeks ahead of usual early kinds, escaping plant diseases. For every garden!

Special—60 Seeds 10c; 150 Seeds 25c; 1/16 Ounce $1. Send cash at our risk.

Burpee Seed Catalog FREE.

W. ATLEE BURPEE CO., 409 Burpee Bldg. Phila. 32, Pa. *or* Clinton, Iowa *or* Riverside, Calif.

New Giant **DAHLIAS**

NEVER BEFORE OFFERED

2 BULBS for 25¢ POSTPAID

ONE BULB EACH
RED CHIEF, LAVENDER BLUE

Grows 12" to 15" flowers on strong, sturdy stems. Separately labelled, Culture included. Send 25c for 2, 50c for 4, $1.00 for 8 and Seed & Nursery Catalog.

R. H. SHUMWAY Seedsman, Dept. 319, Rockford, ILL.

FEBRUARY GARDEN REMINDERS:

Now's the

SOUTH AND SOUTHEAST

Finish planting roses—the sooner the better, especially in Florida and along the Gulf Coast.

Feed rose beds along the Gulf Coast—feed later in the month in the Middle South.

Cut fescue grass areas you started last fall to height of 2 inches.

Plant forced bulbs outdoors after their flowers have faded.

Start new lawns—and renew any bare spots in established lawns—in the Southern and Eastern Piedmont section.

Try crapemyrtle for low hedge. Set plants 18 inches apart. Cut at soil level each spring before growth gets started again.

Finish planting of trees and shrubs in Lower South before new growth begins.

Sow peas, spinach, lettuce, carrots, and beets when

TEXAS AND SOUTHWEST

Cover tender, early shoots of clematis and queenswreath to guard them from frost damage.

Invite birds to your garden—build and set out a birdhouse. Place straw, pieces of string, and bits of yarn nearby to supply material for nest-building.

Cut off suckers around lilacs and fig trees. Complete pruning of woody plants before new growth appears.

Finish sowing poppies, larkspur, and other cool-weather, annual flowers.

Finish planting roses as quickly as you can. All should be planted before the first of March.

Sprinkle poison bait near your pansy plants to keep them free of pill bugs.

Feed your house plants to aid early-spring growth.

Furnish gladiolus with sturdy supports that will

CALIFORNIA

Start tuberous begonias in flats, or singly in pots.

Plant shrubs with thick, waxy leaves that shed dust and smoke in smog-smitten areas.

Continue to plant your favorite summer-flowering bulbs.

Finish planting trees and shrubs.

Cut back to the stem all weak branches on old fuchsias. Cut back other branches to one or two pairs of buds.

Divide and transplant any of your flowering perennial clumps—sea pinks, daylilies, Japanese anemones—that have become crowded.

Prepare ground for that new lawn that you want to start next month.

Prune eugenia, hibiscus, brunsfelsia, pittosporum—and early-flowering shrubs that have bloomed.

Cultivate your flower borders regularly. This will

time to...

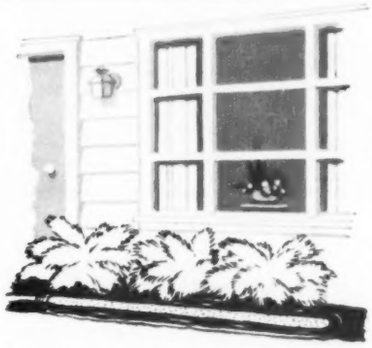
Plant camellias for eyecatching bloom and glossy green leaves of great beauty.

Dig hole a foot wider, 6 inches deeper than root ball. Fill bottom with mixture of rich, acid soil, sand, and peatmoss or leafmold. Tamp.

Set root ball so crown is 2 to 3 inches above ground to allow for settling.

soil and weather permit. Start tomato, pepper, and eggplant seed in coldframe or in a sunny window.

Keep winter ryegrass lawns mowed ¾ inch high.

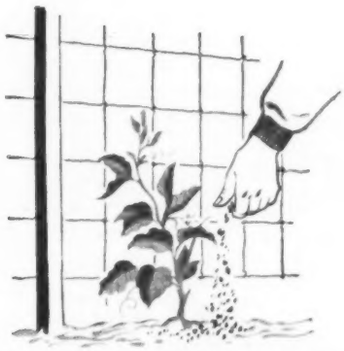


Your evergreens need plenty of water to replace moisture lost by evaporation through the leaves over winter.

A porous canvas soil-soaker is one of the best means of getting water deeply into the soil without washing. Or use a hollow water lance.

help them withstand strong spring winds. Stakes and heavy string will do the trick.

Treat woody plants infested with scale insects with a dormant spray. Do it before they begin to leaf out.



Have you started sweetpeas along a fence? They will give you larger blooms, and longer stems, if you put plant food alongside them now.

If mildew appears, dust lightly with sulfur every three days. Keep doing this until the mildew is overcome.

help control weeds, and it also creates a dust mulch.

Keep picking dead flowers off your pansies—then the plants will continue to bloom longer.

More on next page

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Now's the time to . . .

Begins on page 214

CENTRAL AND EAST

Check your flower border to see if any mulch has blown off. Replace mulch after a freeze.

Sharpen all tools with cutting edges to prepare for the garden season ahead—if you didn't get the job done last fall.

Begin to root cuttings of house plants to move outdoors later.

Check stored bulbs, like dahlias and tuberous begonias, to make sure they are sound and pest-free.

Cut shoots of forsythia and pussy-willow shrubs to force into bloom indoors.

Protect evergreens—like daphne and boxwood—from the hot February sun. Shade with burlap on sunny side.

Order caladiums and tuberous begonias so you can start them indoors next month.

Sow petunia, larkspur, and snapdragon seed on a day when the ground is thawing and sticky.

Keep feeding the birds regularly. Give them stale bread crumbs, cracked corn, sunflower seeds, suet ("outside suet" costs less), hemp, millet, and peanut butter.

This food assortment keeps many different birds coming.

If you don't have a bird-feeding station, it's easy to make one. Just put a wooden tray—with low sides—on a post in an open spot.

PACIFIC NORTHWEST

Boost early growth of your lawn—spread plant food on it when it's firm enough to walk on.

Prune small fruits, tree fruits, and ornamental shrubs and trees during a mild spell.

Water evergreens growing in porch and terrace boxes.

Start cauliflower, cabbage, and broccoli in the coldframe.

Remove mulch over your bulb bed carefully so you don't bruise tender tips.

Plant peas, rhubarb, potatoes, asparagus, and onion sets as soon as soil can be worked.

Repot fuchsias—prune them at the same time.

Protect camellia blooms from snow damage—cover shrubs with burlap.

Spade your vegetable plot, and your annual-flower borders, as soon as soil and the weather permit.

Put a light covering of leaves on the ground around the base of your Christmas-rose, *Helleborus niger*, as mulch.

Covering should be deep enough so mud can't splatter the lovely blossoms.

For best results, grow the Christmas-rose in part shade in moist, rich soil. Then—"please do not disturb."

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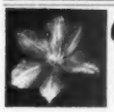

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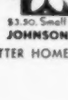

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Keep tire chains snug

Snugly fitting chains, as pictured, will give hundreds of miles of safe stop-and-go traction on snow and ice; they also wear well on bare pavement

The modern American car has become a family necessity during winter. It offers protection and comfort as well as a means of transportation during the cold snow-and-ice months. Therefore, knowing how to "baby your buggy" in bad weather is a subject that gets considerable attention from the average motorist from November through March.

Most drivers know they save money by changing to winter oil, adding antifreeze, using tire chains, having brakes equalized, and seeing that wiper blades and windshield defrosters work effectively during hazardous driving weather. With all these aids to safe winter driving, more families drive more miles in winter. Cars are not kept in the garage nowadays because of ice, snow, and low temperatures.

This increased use of cars on ice and snow has greatly increased the demand for tire chains, especially the reinforced types that provide additional gripping points. But many car owners have complained that tire chains break too soon. Investigation shows that in most cases early breaks are due to improper adjustment.

By keeping tire chains fairly tight, you will get maximum wear. To be tight with your money, you can't be loose with your chains. Apply chains carefully, following the directions on the instruction sheet, then check your chains occasionally, and take up slack if any has developed. This is particularly important shortly after you put your chains on for the first time. After driving a short distance, you will find your chains have adjusted themselves around the tire and that usually a link or two on the side chain can be taken out. This practice is important for a number of reasons.

Most chains break more from impact—due to centrifugal force that pulls the cross chains out from the tire and lets them strike the pavement—than they do from

[*Turn to next page*

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Keep tire chains snug

Begins on preceding page

abrasive wear in running on hard-surfaced roads. If the side chains are snug, the cross chains will ride close to the tread and just roll against the road as the tire does. If the side chains are loose, the cross chains will swing out from the tire and smash against the road.

Tests have shown that loose side chains reduce cross-chain mileage from 50 to 93 percent of normal mileage, depending on the speed you are traveling. A tire chain that gives full mileage at 30 miles an hour will give you only half as much service when side chains are loose and cross chains hammer the road. This loss of mileage is even greater at higher speeds. A loose chain at 50 miles an hour gives only 7 percent of the mileage of a snug chain at 30 miles an hour.

A good pair of modern, reinforced tire chains, snugly fitted, will give 10 times more wear than loose chains on roads that are covered with snow and ice. This is true even when much of the driving is on intermittent stretches of bare pavement. Modern chains will take the punishment of 30 miles an hour speed on stretches of bare pavement, *if they are applied snugly to the tire.*

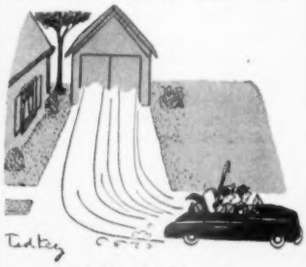
The question, then, is how to get a snug fit. When you mount a new set of chains for the first time, draw them up as tightly as you can *by hand*. Then drive a few minutes and the chains will adjust themselves. You'll find that you can tighten the chains at least another link. Have excess links cut off so they won't beat against the fenders.

The next time you mount your chains, you may have trouble getting the last link to reach the side-chain fastener. If you'll deflate your tires a few pounds, you'll find it reduces the tire circumference enough to make the hookup easy. Then inflate your tires to the proper pressure at a service station and your chains will fit snugly.

It is important to know that tire chains reduce stopping distances on snow or ice by about 50 percent, and improve traction and hill-climbing ability by 600 percent. These facts are based on tests by the National Safety Council's Committee on Winter Driving Hazards.

While tests have proved tire chains are the most effective help for driving on snow or ice, they are not a license for excessive speeds on those surfaces.

BETTER HOMES & GARDENS



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Roses for special uses

Roses are quite a bit like food. You're saying nothing against desserts when you call for bacon and eggs at breakfast. It's nothing against climbers when we choose hybrid-teas and floribundas for a border we need to keep low. For each spot you want to plant roses, there's a type best suited to fill it. Below we suggest outstanding candidates.

For cutting and display

Hybrid-teas supply handsomest individual blooms; the floribundas, with many fine blooms to a head, are exactly the thing if you want roses simple to arrange. Some of the best red hybrid-teas are: Chrysler Imperial—new for '53, Crimson Glory, Nocturne, New Yorker, and Rubaiyat; San Fernando and Charlotte Armstrong in the lighter reds.

All-time favorite in cream-to-gold tints is the massive Peace. Runners-up include Diamond Jubilee and slightly deeper Chief Seattle.

Delightful pinks are: Mission Bells, Helen Traubel, Doctor Debat, First Love, Show Girl, Pink Princess, and Picture.

In whites Blanche Mallerin, White Swan, and Neige Parfum are top favorites. In pure yellows you won't go wrong with Buccaneer, Golden Scepter, Elinor Le Grice, and Mandalay.

Floribundas for cutting and low beds are Fashion—glowing coral-pink; Red Pinocchio—crimson; Ma Perkins—deep shell pink; Goldilocks—yellow; Glacier—snow white.

For flowering hedges

Betty Prior—glowing, pink-flowered single is unsurpassed. Brilliant Floradora, two-toned Pink Bountiful, Red Ripples, cherry-red Vogue are close contenders.

Rosa multiflora, often recommended for hedges, is, with its tiny blossoms, for a barrier rather than display of flowers.

For spot color in borders

Use any and all of the floribundas listed above, also Permanent Wave—light red; Rochester—creamy apricot; Geranium Red; Masquerade—changeable yellow and red; and Independence—fiery red. For background height, Gay Heart—bright pink; and Mandarin—bright red, of the new class called Park Roses. These average between 4 and 5 feet.

For showy pillars of color

Blaze—admirable sport of the countrywide favorite Paul's Scarlet, is first here because of its dependable repeat shows and lasting color. Others are Buff King—mellow corn yellow; Federation—brilliant pink with curled petals; Thor and Climbing Crimson Glory, both rich, deep reds; Pink Cloud—bright clean pink; Aloha—sunset pink; Climbing Goldilocks—a tall version of the popular floribunda.

For covering banks

White Dawn, with flowers like gardenias, is a newcomer, soon to be a favorite. Max Graf is the well-known, large pink single. Coral Creeper, Carpet of Gold, and pink Little Compton Creeper are excellent choices where you want a close mat of leaves. Roses stud the foliage charmingly.

Miniatures for pots and rock gardens

Red Elf and Oakington Ruby are first choice for brilliance; Pixie—pink-tinted white, is a charmer, as is Sweet Fairy—apple-blossom pink. Allow each a setting all its own. None exceeds 8 inches over-all.

[*Turn to next page*

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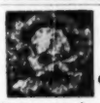

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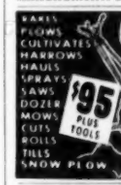

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Wayside Gardens

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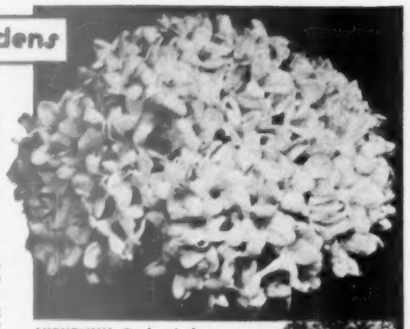

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POTENTILLA *Katherine Dykes*

New LIGUSTRUM *Vicari*

Exceptionally hardy new shrub whose lovely golden foliage makes a colorful edging for walks or beds. Stunning in the shrubbery border. Slow growing, may be kept at 12". Hardy, *Ligustrum Vicari* should not be confused with variegated California Privet which is not hardy.

New POTENTILLA *Katherine Dykes*

We're enthusiastic about this delightful, new, low growing shrub. Dense, fern-like foliage is studded with chalice-like blooms of light chrome-yellow from June until November. Compact, 3 ft. plants are exquisite in hardy border or for foreground planting. Completely hardy in below zero temperatures.

New ROSES

Over 150 prize-winning new roses and popular favorites are featured in our Spring Catalog. Outstanding among the new beauties is *Remembrance*, hybrid tea of gardenia-like perfection. See the glorious new 1953 "All-America" winners—*Ma Perkins*, coral-shell pink floribunda and *Chrysler Imperial*, vivid crimson hybrid tea with dark red overtones.

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Wayside Gardens

Roses for special uses

Begins on preceding page

Shrub roses for spring bloom

Spring Gold is for tossing armfuls of shining 3-inch roses of pale gold when early iris and late tulips bloom. Austrian Copper is for about the same season—two-toned gold and coppery-red, sparkling in the sun with yellow and blue iris. Pink Provence Rose—for height in peony time, is a lovely companion for mockorange bushes.

For conversation pieces

The green rose, *R. chinensis viridiflora*, makes a 4-foot bush and is a curiosity in June. Green Mantle is one of the best of the Sweetbriars with hauntingly fragrant foliage, especially after a shower. Red-leaved Rose, *R. rubrifolia*, has small pink flowers and lovely bronzy-red leaves that hold their color all season.

The Moss Rose Blanche Moreau is enchanting with buds heavily covered with green "moss." Crested Moss or Napoleon's Hat, *Chapeau de Napoleon*, is bright pink with heavy fringe of green at base of each rose.

Rosa Mundi—red and white striped, is more spectacular than the York and Lancaster Rose with which it is often confused.

See "Here's how roses grow," page 60.

Also, "How to plant your roses," page 34.

Suffering from exposure

He begs me to look pleasant, please,
And so I feel my features freeze;
He asks a smile, I squirm within
And fabricate a vacuous grin;
He jokes, gay as a laurel wreath,
And I reveal two rows of teeth;
My children, trying not to laugh,
Will say, "A splendid photograph."

—*Arthur Frederic Otis*

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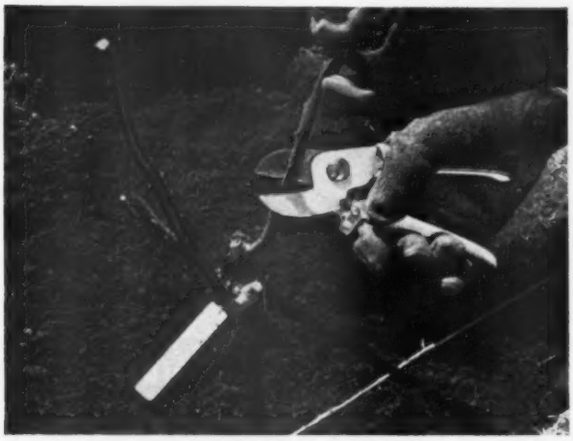
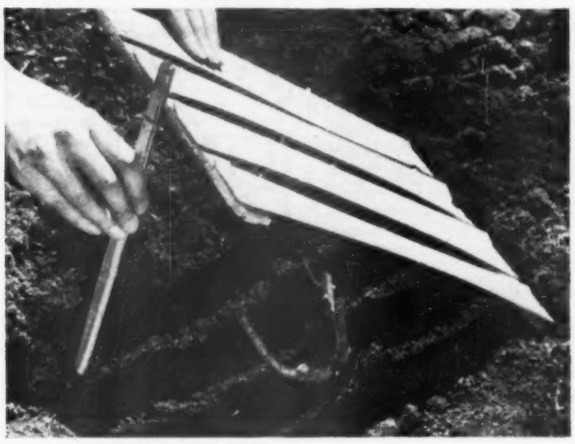
How to plant your roses

Continued from page 37



Finish off your planting with dry soil over the wet. Now complete the pruning started by the rose grower. If bark is unskinned, leave 7 to 8 inches of the larger stems. Cut away the weak stems. If possible, cut to outward-facing buds, snipping a good ¼ inch above each one

Leave all cut ends smooth. Then, to keep out stem borers, carpenter and other ants, and to reduce drying if spring days are windy, paint cut ends with special compound for coating tree wounds. Chewing gum will do. Loosen and rewrap label wires loosely so they won't bind



If weather is hot and sunny, shade newly planted roses for first week. Tops of fruit crates serve well. Then, for easy reference and to prevent confusion later, make a map with source list of your new roses

See "Here's how roses grow," page 60
Also, "Roses for special uses," page 219

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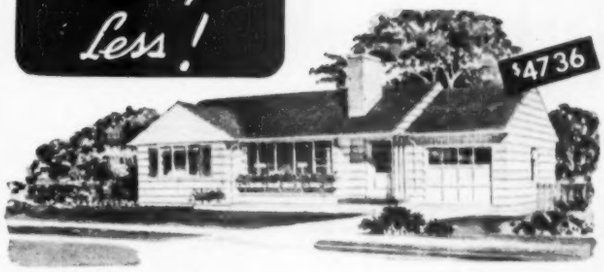

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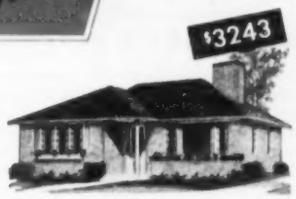

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AMERICA'S FAVORITE COOK BOOK — CHOICE OF 4,400,000 HOMEMAKERS

Brick garden paving

Continued from page 205

5 Rake joints after mortar has set half an hour. "Striker" of ½-inch tubing is fine for ⅜-inch joints

6 Then brush surface clean with a wire brush, keeping brush parallel to surface. Tilted, it may dig in joints

Hints for handling brick and mortar

For best results where they will be in contact with the ground, use sound, hard-burned (clinker) bricks or paving bricks. They're more durable, absorb less moisture, and there's less chance of freezing and cracking than with face types.

Common building brick is satisfactory where there's no moisture problem.

For flat garden paving, it's best to use bricks without holes. If you use salvaged, hard-glazed bricks with breaks in them—for lack of something better—lay the bricks so cracks are exposed on the upper surface and moisture has a chance to evaporate.

You'll need approximately 1,500 bricks to pave a 16x20-foot space.

Lay bricks in sand as close together as possible. Don't kneel directly on newly laid bricks—distribute your weight on a board so you don't disturb the sand cushion. Use a level on each row to insure a smooth floor.

To hold bricks in place at terrace corners, drive a foot-long angle iron against corner bricks. You'll make mowing easier if you

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Milwaukee Equipment Mfg. Co., So. Milwaukee, Wis.

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W. F. ALLEN COMPANY
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keep the top of your paving flush with the sod.

Brick-in-sand surfacing can be repaired easily by replacing broken bricks, or re-laying sunken ones. Adjust any bricks that seem too high or too low after a bad winter by adding or removing sand underneath them. Sweep more sand into crevices at intervals to keep paving solid.

Before you build a slab as a base for mortared bricks, decide if you need to lay a cushion of granular material beneath it.

If your soil is heavy and you live where it freezes hard in winter, a 3-inch layer of sand or gravel under your paving will "stabilize" it. Don't use cinders, as they break down rapidly. Compact this sublayer firmly.

Where drainage is poor, it's safest to install a line of tile from under your paving to a lower level. This will prevent water from collecting, freezing, and cracking the surface.

Make your slab 4 inches thick on soil raked smooth and graded for drainage. If you mix your own concrete—the cheapest way but the most work—use a 1-2-3 formula. This is 1 part cement, 2 parts dry sand, and 3 parts gravel. Proportion your materials by weight, if possible.

One sack of cement at above proportions will make 4 cubic feet of concrete, enough to cover a space 4 feet long, 3 feet wide, and 4 inches deep.

The water-cement relationship in your concrete controls its quality. The more diluted the "paste," the weaker the concrete. Use no more than 6 gallons of water per sack of cement for watertight concrete. Your mixture should be mushy, but not runny. Best way to test proportions is to make a small trial mix.

If you buy "ready-mix" place your edge forms and have subgrade leveled before delivery to your site. Be sure truck has access to where concrete will be used.

Have the right tools at hand—a mortar box (you can build it) or mixing platform, hoe, bucket, trowel, rule, strong cord, carpenter's square, and a spirit level.

If you mix your own concrete, don't mix more than you can handle in 2 hours. Mix dry ingredients to uniform color, then add water, a little at a time, mixing as you go, until mixture is smooth.

If you use ready-mix, don't overestimate your ability. Remember that a cubic yard of concrete—enough to cover 81 square feet or an 8x10-foot space 4 inches deep—weighs 2 tons.

You'll need two men to lay a slab—one at each end of a "strike-off" board to smooth the surface, and again to "float" your concrete to bring moisture to the surface. You have 2 hours to lay it.

If you prefer, you can buy dry concrete materials already mixed, measured, and sacked, to which you need add only water.

Let your slab "cure" 5 days before using. Most effective way is to cover with burlap to hold moisture. Soak burlap each morning. Or keep new surface moist with hose. Never allow surface to dry out during curing period.

Soak your bricks several hours before you lay them, as well as the slab. Let the surface dry a bit before you begin.

To mix mortar for laying bricks, use 1 part of cement to 4 to 6 parts of sand by volume. Add 1 to 1¼ parts of hydrated lime by volume to your mixture. Or substitute a "mortar-mix," a commercial product designed to make mortar stickier, for the lime. Follow manufacturer's directions.

To cut bricks, use a cold chisel. Set brick on edge on a solid surface. Position chisel and rap it sharply with a hammer. To assure a square break, score four sides of brick lightly with chisel.

Wear a good grade of work gloves when working with concrete, preferably with leather palms. If cement dries your hands, work in petroleum jelly each time you stop work.

For garden paving with soil-cement, see the March issue of *Better Homes & Gardens*.

Answers to quiz on page 168

1 St. Augustine, Florida, oldest city in the United States.

2 Colorado, where the suspension bridge over the Royal Gorge of the Arkansas River is 1,053 feet high.

3 Kentucky.

4 Mount McKinley, in Alaska, 20,300 feet high.

5 Missouri.

6 California, where Founder's Tree rises 364 feet above the ground.

7 Rutgers University, New Brunswick, New Jersey.

8 Maine (Acadia National Park).

9 Wyoming (Cody).

10 Indiana (Indianapolis).

11 Hot Springs, Arkansas.

12 Key West, Florida.

13 Oregon's capitol building in Salem was built in 1935.

14 Mount Lassen, California.

15 Pennsylvania (Pittsburgh).

16 Mesa Verde, in Colorado.

17 Library of Congress, Washington, D. C.

18 Greenfield Village, Dearborn, Michigan.

19 Vermont.

20 Arizona.

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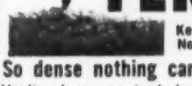

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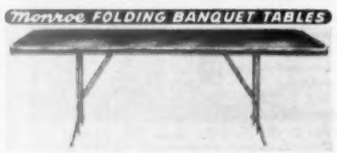

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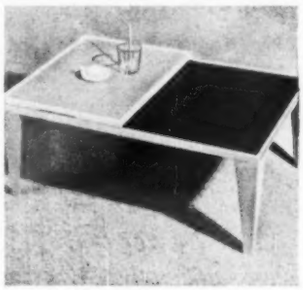

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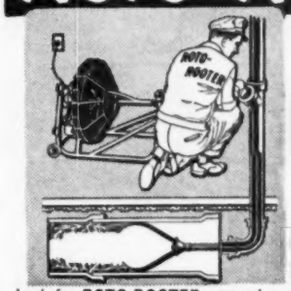

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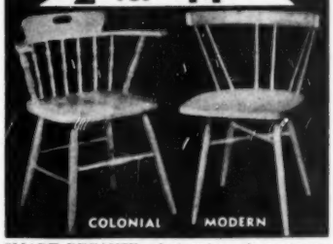

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Delightful way to tell the world it's your handiwork! Your own name in fifteen letters or less on beautiful fabric labels! Superb quality. Sew them into your lovely handmade fashions and gifts! Your money back if you're not satisfied! . . . Send $1 for 10 labels, $2 for 25, $3 for 50.

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ALSO . . . Old Featherbeds converted into heirloom, cloud-soft feather-fluff comforts by ALDEN secret destemming process.

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Address _____
City & State _____

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Through the Shops

with Better Homes & Gardens

Little gift with lots of individuality! Key ring with russet leather trim has as its "charm" a retractable measuring tape, a miniature gaming wheel, or a cylindrical case that contains a collapsible cigarette holder. All are imported from Italy. *Key Holders*, $1.95, each, ppd. Gift Clues, Beacon 4, N.Y.

Dress up home preserves with a quaint and colorful Pennsylvania Dutch label. These highly colored, decorative gummed labels are 2"x3½", in a variety of gay designs. Use them on the jars you pack in gift baskets. *Pennsylvania Dutch Jar Labels*, 100 for $1, ppd. Paul L. Baruch, Inc., 234 Fifth Ave., New York 1, N.Y.

Enhancing frame to hold your valentine portrait. Solid-brass, French Provincial frame with hinged brass easel, glass mounting, is available in three sizes. *Brass Frame*, for 2½"x3½" photograph, $4.95; for 4"x6" photograph, $6.25; for 5"x7" photograph, $7.95, ppd. Art Colony Industries, 69 Fifth Ave., New York 3, N.Y.

Wrought-iron serving tables are handsome living-room pieces, take no more room than one table. Use them as individual tables for buffet parties, as end tables, for lamps, plants. *Host-Ease Serving Tables*, set of 4, $24.95, with glass tops; $19.95, with wood-grained panel tops, plus shipping. Frank L. Pollard Co., 1501 37th Ave., Oakland, Calif.

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for a better garden

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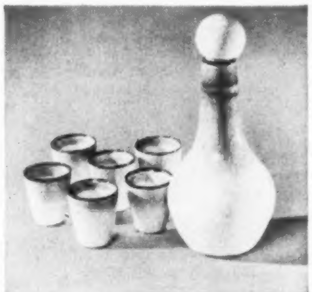
Get your copy at book and department stores, or by ordering direct from 8402 Meredith Building, Des Moines 3, Iowa. Only $3.95 (in Canada, $4.50).

The hope chest was serious business back in Grandma's day, and modern brides may get a bit of whimsical pleasure out of owning one just like hers. This is an exact reproduction from those old courting days, built of solid plantation pine with antique, light-colored finish, 24" long, 15" wide, 16¾" high. *Hope Chest*, $23.10, ppd. Carl Forslund, Fulton St. E., Grand Rapids 2, Mich.

Thumb-size check protector works in a jiffy, protects you from having your checks altered. Pull check through the "jaws" of little plastic device; it makes perforations in the paper where you have written name and amount. Your writing then cannot be erased or altered. *Check Protector*, $1.50, ppd. Robert W. Kellogg Co., Springfield 2, Mass.

Baby can bounce all over his crib; the blanket still won't come off. It just "floats" when he kicks. Sliding rings go around the crib bars and are attached to the blanket. Baby is in no danger of suffocation or becoming uncovered. Full-size cotton crib blanket is available in pink, blue, yellow, or white. *Floating Blanket*, $6.98, ppd. Young Years, 201 E. Post Road, White Plains, N.Y.

Decanter set is as decorative as it is practical. The six little beverage cups and the decanter are of heavy ceramic in beautifully variegated shades of brown, blue, green, or jewel-tone. *Decanter Set*, $7.50, ppd. Silmar Gifts, 56 Division Ave., Levittown, N.Y.



Beautifully polished and finished wood shelf hangs over the kitchen range to hold all the cooking aids you need close at hand. Shelf is 30" long with 8 hooks for hanging tools or displaying your copper pieces. *Chef's Shelf*, $3.95, ppd. Chef's Shelf Corp., 2611 64th St., Kenosha, Wis.

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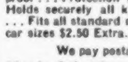
$16.95



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Permanent embossed letters and numbers 1½" high
Lifetime aluminum—rustproof
Baked enamel-white beaded letters-black background
Double plate 18" long—reads the same from either side

Guaranteed by Good Housekeeping

These attractive markers make thoughtful gifts — and make it easy for friends to find your home DAY-n-NIGHT. Install in a minute. Any wording you want, up to a total of 15 letters and numbers. PLEASE PRINT CLEARLY.

MAILBOX MARKER fits any mailbox $1.95 Postpaid — LAWN MARKER with 20" wrought aluminum standard $2.95 Postpaid

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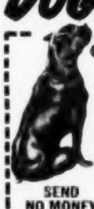
No More Dog Hairs!

HOW TO KEEP DOGS OFF FURNITURE, RUGS, etc.



Just shake **Powder Chaperone** on anything you want your dog to let alone. Stops embarrassing hairs on everything. Harmless. You don't smell it—dogs do and keep their distance. Easy way to train. Prevent puppy damage. Keeps male dogs away from females in season.

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Use on solid, mixed or figured rugs. Six Rugadub colors: Deep Hedge Green, Emerald Green, Midnight Blue, Wine, Raspberry and Tobacco Brown. Complete Rugadub Kit includes mixing tray, brush, measuring cup and easy-to-understand directions. ONLY $3.95. Hurry—Order NOW! Specify color.

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NOTE: Write us about FIBREDON for fibre rugs and SOFADUB for furniture upholstery.

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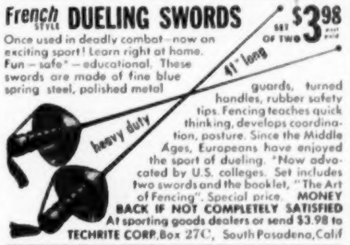
Dept. BH2
Lakehurst, N.J.

French STYLE DUELING SWORDS SET OF TWO **$3.98** post paid

Once used in deadly combat—now an exciting sport! Learn right at home. Fun—safe*—educational. These swords are made of fine blue spring steel, polished metal guards, turned handles, rubber safety tips. Fencing teaches quick thinking, develops coordination, posture. Since the Middle Ages, Europeans have enjoyed the sport of dueling. *Now advocated by U.S. colleges. Set includes two swords and the booklet, "The Art of Fencing". Special price. **MONEY BACK IF NOT COMPLETELY SATISFIED** At sporting goods dealers or send $3.98 to **TECHRITE CORP.** Box 27C, South Pasadena, Calif



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POT-GROWN POST-PAID **12 FOR $5**

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LARGE SIZE ASSORTED COLORS 12 for $1.00

NEW! Not Seconds
MONEY BACK GUARANTEE
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Agents Wanted — Make Big Money
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Trains & Travel Magazine

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Trains & Travel, Dept. 4374A, Milwaukee 3, Wis.

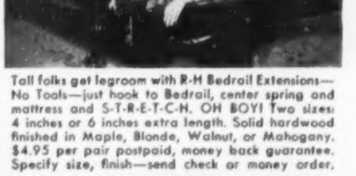
GROW MINIATURE TREES

NEW FASCINATING HOBBY! $ $ $ Opportunity! Real living elm, orange, oak, cypress — any kind. Full grown but (Ming) only inches tall. Amazing! Beautiful! Home decorations! WRITE TODAY; Dept BH2

FREE SEED & PLAN

NAT'L NURSERY GARDENS, 8463 S. Van Ness, Inglewood 4, Calif.

BED TOO SHORT?



Tall folks get legroom with R-H Bedrail Extensions—No Tools—just hook to Bedrail, center spring and mattress and S-T-R-E-T-C-H. OH BOY! Two sizes: 4 inches or 6 inches extra length. Solid hardwood finished in Maple, Blonde, Walnut, or Mahogany. $4.95 per pair postpaid, money back guarantee. Specify size, finish—send check or money order.

THE RALPH HOWARD COMPANY
3714A Croston Drive, Indianapolis 22, Indiana

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February, 1953

Guaranteeing products and services to be "as advertised" has been a continuing policy of *Better Homes & Gardens* since 1926.

BETTER HOMES & GARDENS
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your money back or replacement if you buy any article of merchandise that is not as advertised therein

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Remodeling by conversion

Begins on page 66

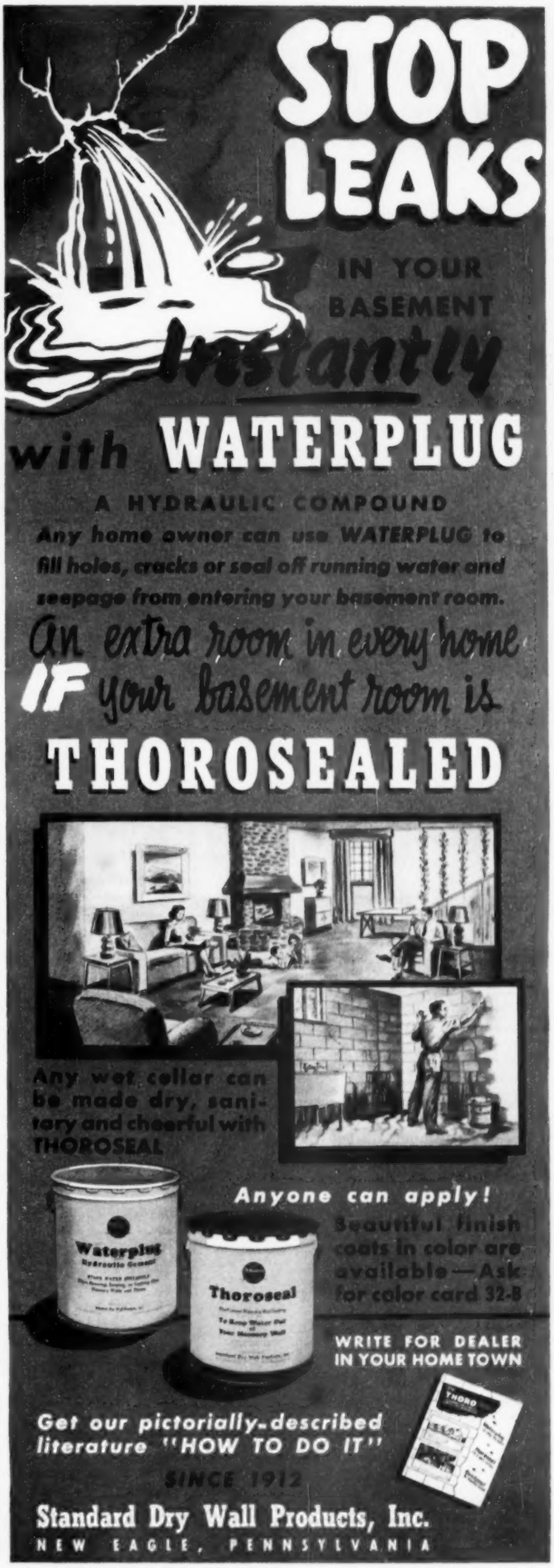
wooded, rolling New Hampshire countryside near Hanover.

Planning was left in the capable hands of architects E. H. and M. K. Hunter. They saved all but the top of the barn, which was torn off and re-used for the new, low-lying roof, and for unusual architectural accents like the upstairs porch and window dressing.

The job of decorating stayed in the family: Barbara LeSourd is a member of American Institute of Decorators.

Still connected to house, outbuildings are now garage and storage room. Bridge to upstairs entrance adds depth to house, is spruced up with vertical boards and battens and paint. Note plastic skylight

Detail in lower entrance hall shows stairway from the lower bedroom level to the upper living level. Note the warm-air grill; basement walls were furred out far enough so that flat ducts could be squeezed between the foundation wall and finished interior walls for heating



THE MAN NEXT DOOR®

Rosie had her high-school club at our house one evening, and from what we gathered the meeting was a big success. What we gathered included 14 pop bottles, 14 ice-cream plates, and 3 potato-chip dishes—most of them under the living-room chairs—next morning.

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That girl with the blonde curls may be duly impressed by the frilly valentine Junior is going to send her, but she'll never know what a battle it won over a nickel's worth of gumdrops.

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"A certain vital something that we had in the past," said the speaker at our Chamber of Commerce dinner, "is missing from the world today." Has anybody thought of looking in our attic?

+ + +

The best way to bring up children is never to let them down.

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Just waded through a three-volume treatise on how to make the American home a successful institution, but failed to find the answer. I found it, though, in another book: "Love one another."

+ + +

"This year," remarked Lee Bayless, pondering the state of his coalbin, "if the groundhog looks out and sees six more weeks of winter, we'll both go into the hole again."

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I just pulled down our blinds on the side next to Fred Randolph's house. Don't want Christine to get spring fever ahead of time. She might notice that Katie has Fred helping her scrape the paper off their dining-room walls.

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Sure, we have to have commercials on TV. When else would the kids do their homework?

I feel sort of virtuous after helping two neighbors patch up their little spat. I finally returned the brace and bit that one of them had been blaming the other for borrowing and losing.

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Junior, who's 12, vows he's going to take care of the Hillis garden all alone this year, but I've decided to delay making up my spring golf schedule until I see whether he ordered that new catcher's mitt to fit him or me.

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"We are failing," says a child psychologist, "in our efforts to teach young people to respect their elders. Are we working with the wrong methods?" Nope. Working with the wrong generation.

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The people who really live in glass houses are the ones who bought those little ready-made greenhouses "just to have a place to idle away a few spare moments."

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Isabel Norman plans to repaint Bill's den next month and wants him to select the color. With income taxes coming up, Bill says he can't decide whether to have it blue for the way he'll feel or red for what he'll be in.

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Junior has kept our walks fairly clear of snow this winter, and his mother never once asked him to do it. All she said was: "Honey, would you mind taking the snow shovel and building me a nice snowman in the front yard—one that'll clean off the walks for me?"

+ + +

When I nicked myself the other day while shaving, my wife commended me for my restrained comment on the accident. I do believe I deserved credit for my self-control—also for catching a glimpse of her in the mirror just in time.

Grandma Hillis thinks that Christine would have less trouble breaking Junior of hanging his coat on dining-room chairs if Great-Grandma Hillis hadn't let Grandpa pick up the habit from his father and pass it on to me.

+ + +

We wandered over to a neighborhood lake one evening to watch the skaters, and My Own mused on how strange it was that she had to call my attention to pretty girls' skating outfits, whereas at the beach last summer—but at that point I changed the conversation to someone doing a beautiful figure eight across the lake.

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"The highways will never be safe," commented Doc Hannelly, Ph.D., deftly side-stepping a whizzing convertible, "until the police are as eager to catch these young speeders as the girls are."

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I've never been able to agree with those who say Abraham Lincoln's face is "homely," but even if it were, can you think of any glamour boy of 90 years ago whose birthday the whole nation is honoring this February?

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"No wonder all our wives can keep secrets so well," Ned Preston explains. "When one of them hears a juicy tidbit, she gets all the rest of them to help her not to tell a soul."

+ + +

Some houses in our part of town are bigger, but ours has: People in it who never go to bed mad at each other . . . enough faults to make it interesting and enough forgiveness to make it happy . . . neighbors who can push the doorbell and make it sing, "Here we come, bringing no malice, knowing we shall find none" . . . an attic full of little things nobody else would buy, or could . . . marks of mistakes that nobody got scolded for . . . husks of hopes that didn't always come true, but it didn't matter . . . and a piano where its people sing "God Bless America."

Burton Hillis

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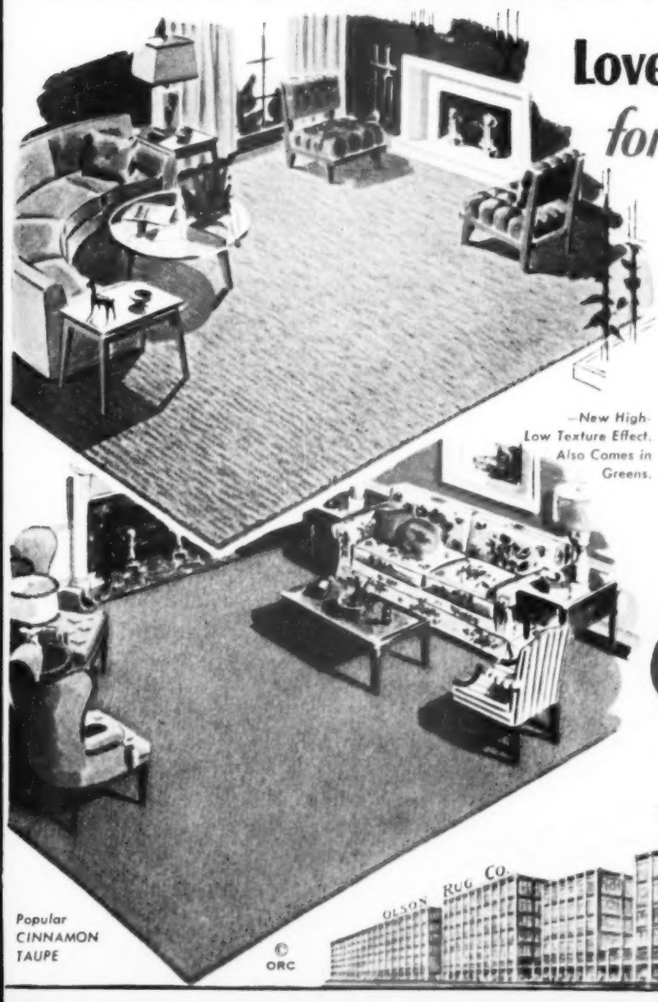

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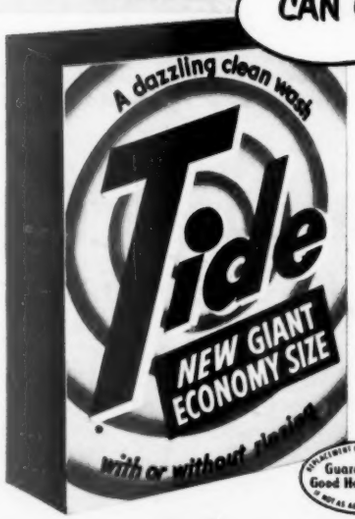

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